



No. 41

11 OCTOBER 2003



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Imagery and Mapping Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at
<http://pollux.nss.nima.mil/>



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nima.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nima.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nima.mil.

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

Cover Photo: The **USNS GUADALUPE (T-AO 200)** is one of the Military Sealift Command's fourteen underway replenishment oilers and part of the 36 ships in the Naval Fleet Auxiliary Force (NFAF). NFAF ships are the lifeline to U.S. Navy ships at sea. By providing food, fuel, ammunition, spare parts and other supplies these ships enable our naval combatants to operate worldwide at the highest operational level possible. For years, the **GUADALUPE** has played a vital role in the re-supply of the Navy's Seventh Fleet ships operating in the Pacific. The **GUADALUPE** is 677 feet in length, has a beam of 97 feet, a draft of 35 feet and is crewed by civil service mariners. *Photo of USNS GUADALUPE courtesy of Military Sealift Command, Public Affairs Office.*

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 41/03

HYDROGRAM

**National Imagery and Mapping Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

11 October 2003

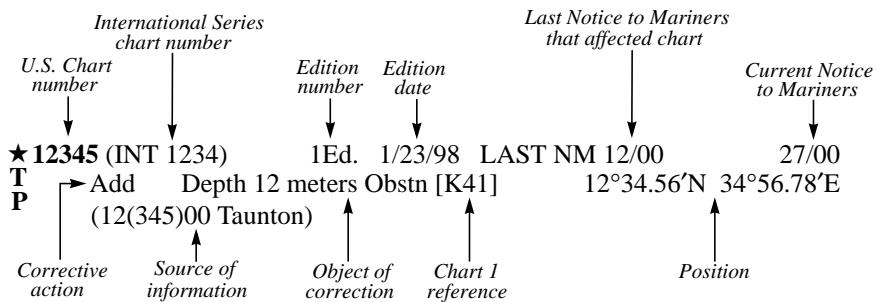
ELECTRONIC CHART/PUBLICATION CORRECTION RECORD CARD NOW AVAILABLE

AN ELECTRONIC VERSION OF THE CHART/PUBLICATION CORRECTION RECORD CARD, NIMA FORM 8660-9, IS NOW AVAILABLE ON THE MARITIME SAFETY INFORMATION WEB SITE. SEE SECTION III

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NIMA List of Lights.

Section II-5 lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

NM 41/03

500 (INT 810) Delete Superbuoy ODAS "46061" (See 34/03-500)	8Ed. 6/03 LAST NM 34/03	41/03	60°13'N 145°49'W	12401 Add Tabulation of controlling depths from Subsection I-2 (NOS)	7Ed. 5/02 LAST NM 33/03	41/03
Add Superbuoy ODAS [Q58] "46061" Y, Fl(4) Y 20s (NTM0022/2003)			60°13'N 146°49'W			
★501 (INT 801) Relocate Superbuoy ODAS "46006" from 40°56'N 137°29'W to	12Ed. 11/02 LAST NM 24/03	41/03	40°48'N 137°29'W	12402 Add Tabulation of controlling depths from Subsection I-2 (NOS)	8Ed. 5/02 LAST NM 34/03	41/03
Add Buoy Fl Y 4s (PD) (30/03 CG11; 30/03 CG13)			45°31'N 127°36'W			
520 127Ed. 8/22/81 Delete Superbuoy ODAS "46061" (See 34/03-520)	LAST NM 40/03	41/03	60°13'N 145°49'W	★14886 NEW EDITION (NOS)	11Ed. 6/03 NEW EDITION	41/03
Add Superbuoy ODAS [Q58] "46061" Y, Fl(4) Y 20s (NTM0022/2003)			60°13'N 146°49'W			
530 30Ed. 3/23/02 Add Buoy Fl Y 4s (PD) (30/03 CG13)	LAST NM 40/03	41/03	45°31'N 127°36'W	★14985 NEW EDITION (NOS)	9Ed. 8/03 NEW EDITION	41/03
Delete Superbuoy ODAS "46061" (See 34/03-531)			60°13'N 145°49'W			
Add Superbuoy ODAS [Q58] "46061" Y, Fl(4) Y 20s (NTM0022/2003)			60°13'N 146°49'W	★14988 NEW EDITION (NOS)	10Ed. 8/03 NEW EDITION	41/03
★11358 52Ed. 6/03 Add Platform [L10] (Previously published 32/03)	NEW EDITION	41/03	29°03'55"N 90°10'18"W	16013 Delete Superbuoy ODAS "46061" (See 34/03-16013)	28Ed. 4/14/01 LAST NM 35/03	41/03
Delete Platform			29°01'44"N 90°10'59"W		60°13.1'N 145°49.5'W	
Platform			29°02'41"N 90°09'54"W			
Platform			29°02'52"N 90°08'26"W			
Platform			29°04'03"N 90°09'41"W			
Platform			29°04'22"N 90°09'42"W	Add Superbuoy ODAS [Q58] "46061" Y, Fl(4) Y 20s (NTM0022/2003)		60°13.1'N 146°49.5'W
Platform			29°04'36"N 90°09'26"W			
Platform			29°05'42"N 90°09'18"W			
Platform			29°04'17"N 90°07'37"W			
Platform			29°04'20"N 90°07'27"W			
Platform			29°04'56"N 90°06'48"W			
(Previously published 34/03)						
Add Light "B" Fl 2.5s 10ft (Priv) Light "C" Fl 2.5s 10ft (Priv) (Previously published 34/03) (NOS)			29°16'19"N 89°56'38"W 29°16'19"N 89°56'42"W	★16442 NEW EDITION (NOS)	7Ed. 8/03 NEW EDITION	41/03
★11434 25Ed. 8/03 (NOS)	NEW EDITION	41/03		★16549 NEW EDITION (NOS)	15Ed. 7/03 NEW EDITION	41/03
12208 9Ed. 4/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	LAST NM 28/03	41/03		17470 Delete Rock and legend "Rep (2002)" (PA)	Ed. 2/4/83 LAST NM N23/03	N41/03
					(Cancels N23/03-17470) (23738)03 Ottawa)	52°53'01"N 128°31'24"W
★12221 74Ed. 5/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	LAST NM 35/03	41/03		17472 Delete R Bn at light (23733)03 Ottawa)	4Ed. 10/21/95 LAST NM 36/03	41/03
					52°15'41"N 128°43'22"W	
★12222 44Ed. 5/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	LAST NM 34/03	41/03		17482 Delete RC at light (23733)03 Ottawa)	Ed. 2/5/82 LAST NM N14/03	N41/03
					52°15'41"N 128°43'12"W	
★12327 96Ed. 11/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	LAST NM 36/03	41/03		17483 Delete Fog Sig from light (23720)03 Ottawa)	Ed. 7/29/77 LAST NM N1/01	N41/03
					52°11'08"N 128°06'36"W	
17484 3Ed. 7/1/95 Delete HORN from light (23720)03 Ottawa)	LAST NM 51/00	41/03		17484 Delete HORN from light (23720)03 Ottawa)	3Ed. 7/1/95 LAST NM 51/00	41/03
					52°11'08"N 128°06'45"W	
17485 4Ed. 2/24/96 Delete HORNS from light (23720)03 Ottawa)	LAST NM 16/02	41/03		17485 Delete HORNS from light (23720)03 Ottawa)	4Ed. 2/24/96 LAST NM 16/02	41/03
					52°11'07"N 128°06'42"W	
17518 7Ed. 1/7/95 Change Light to Fl G 6s 13m 12M (23490)03 Ottawa)	LAST NM 20/03	41/03		17518 Change Light to Fl G 6s 13m 12M (23490)03 Ottawa)	7Ed. 1/7/95 LAST NM 20/03	41/03
					49°06'22"N 123°18'13"W	
★18003 19Ed. 3/03 Add Buoy Fl Y 4s (PD) (30/03 CG13)	LAST NM 22/03	41/03		★18003 Add Buoy Fl Y 4s (PD) (30/03 CG13)	19Ed. 3/03 LAST NM 22/03	41/03
					45°31.4'N 127°35.6'W	
18007 31Ed. 3/31/01 Add Buoy Fl Y 4s (PD) (30/03 CG13)	LAST NM 35/03	41/03		18007 Add Buoy Fl Y 4s (PD) (30/03 CG13)	31Ed. 3/31/01 LAST NM 35/03	41/03
					45°31.4'N 127°35.6'W	
18008 7Ed. 10/12/96 Add Buoy Fl Y 4s (PD) (30/03 CG13)	LAST NM N37/03	N41/03		18008 Add Buoy Fl Y 4s (PD) (30/03 CG13)	7Ed. 10/12/96 LAST NM N37/03	45°31.4'N 127°35.6'W

SECTION I

★18400	44Ed. 8/03	NEW EDITION (NOS)	41/03	22343	1Ed. 8/3/61	LAST NM N21/03 Delete Church symbol (7/101)03 Valparaiso)	N41/03 42°12.7'S 73°23.7'W
18409	8Ed. 11/9/96	LAST NM 11/02 (Panel A)	41/03	22351	1Ed. 10/2/51	LAST NM N35/03 Delete Church symbol (7/101)03 Valparaiso)	N41/03 42°12.7'S 73°23.7'W
Delete	Light (Fl G 4s 7m 8M)	49°06'20.9"N 123°18'12.0"W		24004	36Ed. 8/9/97	LAST NM 30/02 Add Submarine cable [L30.1] joining	41/03 24°02.0'S 46°29.2'W 24°09.7'S 46°25.6'W 24°15.9'S 46°19.7'W 24°17.0'S 46°17.0'W 24°21.7'S 46°12.2'W 24°23.0'S 46°07.0'W 24°18.5'S 45°30.0'W 23°30.0'S 44°00.0'W 23°07.5'S 43°29.9'W 23°01.5'S 43°27.2'W (NTM0002/2002)
Change	Light to Fl G 6s 13m 12M (2/3490)03 Ottawa)	49°06'21.7"N 123°18'11.8"W		24140	18Ed. 7/25/98	LAST NM 32/02 Add Submarine cable [L30.1] joining	41/03 24°02.1'S 46°29.1'W 24°09.7'S 46°25.6'W 24°15.7'S 46°20.1'W 24°15.9'S 46°19.7'W 24°16.9'S 46°17.0'W 24°21.7'S 46°12.2'W 24°23.0'S 46°07.0'W 24°18.5'S 45°30.0'W 24°09.3'S 45°13.0'W (NTM0002/2002)
★18643	17Ed. 3/03	LAST NM 33/03 (Inset)	41/03	24150	27Ed. 4/25/98	LAST NM 32/02 Add Submarine cable [L30.1] joining	41/03 24°20.0'S 45°42.4'W 24°18.5'S 45°30.0'W 23°11.1'S 43°34.5'W 23°10.6'S 43°34.6'W 23°07.5'S 43°29.9'W 23°01.4'S 43°27.2'W (NTM0002/2002)
Delete	Beacon "11"	38°18'39.3"N 123°03'17.1"W		24151	4Ed. 2/9/85	LAST NM 32/02 Add Submarine cable [L30.1] between	41/03 24°02'36"S 45°00'12"W 24°10'00"S 45°14'03"W (NTM0002/2002)
Relocate	Buoy "4" from 38°19'52.4"N 123°03'17.2"W to 38°19'52.3"N 123°03'16.0"W		24152	2Ed. 5/11/85	LAST NM 30/02 Add Submarine cable [L30.1] between	41/03 23°40'48"S 44°20'00"W 23°51'00"S 44°38'36"W (NTM0002/2002)	
	Beacon "7" from 38°18'28.8"N 123°03'24.8"W to 38°18'28.6"N 123°03'25.1"W		24164	6Ed. 6/4/88	LAST NM 39/03 Add Submarine cable [L30.1] between	41/03 23°20'40"S 43°47'30"W 23°21'30"S 43°48'34"W (NTM0002/2002)	
Substitute	Light "19" Fl G 6s 15ft 3M for beacon "19" 38°19'03.5"N 123°03'09.3"W		26125	3Ed. 9/9/95	LAST NM 47/01 Add Legend "SEE NOTE"	41/03 17°50'03"N 77°09'00"W Note "NOTE Salt River Anchorage (17°50'06"N 77°09'42"W) is no longer used by commercial shipping and the aids to navigation are not maintained." 17°50'48"N 77°10'30"W (34(3692)03 Taunton)	
	Light "27" Fl G 4s 15ft 3M for beacon "27" 38°19'28.3"N 123°03'09.7"W		26129	11Ed. 10/28/94	LAST NM 26/02 (Panel B)	41/03 17°52'50"N 76°19'36"W 17°51'56"N 76°19'30"W Note "NOTE Port Morant is no longer used by commercial shipping and the aids to navigation are not maintained." 17°52'24"N 76°21'12"W (34(3692)03 Taunton)	
Change	Period of light "32" to 2.5s	38°19'40.2"N 123°03'07.6"W					
Add	Light "11" Fl G 2.5s 15ft 3M (29-31/03 CG11)	38°18'39.8"N 123°03'17.0"W					
18740	39Ed. 7/28/01	LAST NM 35/03	41/03				
Add	Dangerous wreck [K28] "Rep (2003)" (PA) (31/03 CG11)	33°26.2'N 118°27.5'W					
18746	34Ed. 12/1/01	LAST NM 13/03	41/03				
Add	Dangerous wreck [K28] "Rep (2003)" (PA) 33°26'13"N 118°27'30"W						
	Dangerous wreck (Mast) [K25] (NOS; 31/03 CG11)	33°43'25"N 118°08'28"W					
★18749	38Ed. 12/1/01	LAST NM 39/03	41/03				
Add	Dangerous wreck (Mast) [K25] 33°43'24.8"N 118°08'27.5"W (NOS)						
★18757	10Ed. 6/13/92	LAST NM 13/03	41/03				
Add	Dangerous wreck [K28] "Rep (2003)" (PA) 33°26'13"N 118°27'30"W (31/03 CG11)						
★18773	39Ed. 8/03	LAST NM 40/03 (Continuation)	41/03				
Add	Dangerous wreck [K28] (PA) (31/03 CG11)	32°38'48"N 117°07'18"W					
21581	5Ed. 10/29/94	LAST NM 13/95 (Panel A)	41/03				
Add	Danger circle [K40] "Obstn (Marine farm)" (PA) 8°11'36"N 82°52'00"W Danger circle [K40] "Obstn (Marine farm)" (PA) 8°10'42"N 82°52'06"W (34(3680)03 Taunton)						
21584	2Ed. 6/10/95	LAST NM 50/97	41/03				
Add	Danger circle [K40] "Obstn (Marine farm)" (PA) 8°11'36"N 82°52'00"W Danger circle [K40] "Obstn (Marine farm)" (PA) 8°10'42"N 82°52'06"W (34(3680)03 Taunton)						
22264	2Ed. 9/21/96	LAST NM 37/03	41/03				
Change	Light to Fl R 3s 10m 4M	32°55'42"S 71°32'24"W					
Add	Marina symbol [U1.1] (7/111)03 Valparaiso)	32°55'43"S 71°32'15"W					

SECTION I

NM 41/03

27042	21Ed. 7/22/95 LAST NM 51/98 (Plan A)	41/03	37238	6Ed. 10/17/98 LAST NM 40/03 Add Foul ground symbol [K31] (24(333)03 's-Gravenhage)	41/03
Add	Dangerous wreck [K28] Anchorage symbol [N10] (BA CH 3167)		21°13'40.5"N 76°32'46.6"W 21°13'43.5"N 76°32'45.5"W		52°58'11"N 4°49'09"E
37025	26Ed. 8/9/97 LAST NM 38/03 Delete R Bn at light (9(160)03 Cadiz)	41/03	37248	18Ed. 2/14/98 LAST NM 40/03 Add Depth 3.9 meters Depth 5.3 meters (26(356)03 's-Gravenhage)	41/03
		43°09.6'N 9°12.7'W		51°32'32.4"N 3°24'31.2"E 51°32'23.4"N 3°24'16.2"E	
37034	2Ed. 9/12/98 LAST NM 33/03 Delete R Bn at light (9(160)03 Cadiz)	41/03	37380	2Ed. 9/11/93 LAST NM 39/03 Substitute Depth 20 meters Wks (unsurveyed) [K30] (PD) for wreck (PD) (26(30)03 Brest)	41/03
		43°09.6'N 9°12.7'W		46°40.9'N 2°25.1'W	
37150	8Ed. 12/20/97 LAST NM 39/03 Add Submarine cable [L30.1] joining	41/03	37400	(INT 1803) 10Ed. 3/12/88 LAST NM 36/03 Substitute Depth 45 meters Wks (unsurveyed) [K30] (PD) for wreck (26(32)03 Brest)	41/03
		52°27'18"N 1°44'14"E 52°27'40"N 1°47'55"E 52°27'13"N 1°56'56"E 52°26'10"N 2°02'53"E 52°26'34"N 2°10'55"E 52°29'16"N 2°14'42"E 52°29'07"N 2°22'28"E 52°28'44"N 2°43'41"E 52°29'05"N 2°50'22"E 52°28'38"N 3°00'31"E 52°29'04"N 3°12'46"E 52°26'43"N 3°22'25"E 52°28'30"N 3°28'23"E		45°41.7'N 1°55.0'W	
	(11(180)01 's-Gravenhage)		37403	23Ed. 2/15/97 LAST NM 10/03 Add Depth 11 meters Wk (unsurveyed) [K30]	41/03
				(26(32)03 Brest)	45°39'37.0"N 1°12'32.2"W
37161	14Ed. 3/15/97 LAST NM 24/03 Add Submarine cable [L30.1] joining	41/03	37420	(INT 1804) 1Ed. 2/27/88 LAST NM 7/03 Substitute Depth 45 meters Wks (unsurveyed) [K30] (PD) for wreck Depth 11 meters Wks (unsurveyed) [K30] for 20.5 meters Wk (26(32)03 Brest)	41/03
		52°27'18"N 1°44'14"E 52°27'40"N 1°47'55"E 52°27'13"N 1°56'56"E 52°26'10"N 2°02'53"E 52°26'34"N 2°10'55"E 52°29'16"N 2°14'42"E 52°29'15"N 2°18'12"E		45°41'44"N 1°54'59"W 45°39'37"N 1°12'32"W	
	(11(180)01 's-Gravenhage)		37421	8Ed. 6/14/97 LAST NM 21/03 (Panel 2) Add Buoy "No 57a" G, pillar, cone topmark, Oc G 4s (46(29)00 Brest)	41/03
37162	12Ed. 5/18/96 LAST NM 40/03 Add Submarine cable [L30.1] joining	41/03	37423	5Ed. 3/8/97 LAST NM 21/03 (Panel A) Add Buoy "57a" G, pillar, cone topmark, Oc G 4s (46(29)00 Brest)	41/03
		52°26.8'N 3°18.3'E 52°31.9'N 3°40.5'E 52°32.0'N 3°43.2'E 52°37.5'N 3°58.7'E 52°37.9'N 4°00.8'E 52°38.8'N 4°18.5'E 52°39.5'N 4°21.2'E 52°39.0'N 4°27.5'E 52°38.8'N 4°31.8'E 52°37.0'N 4°37.3'E		45°02'21.6"N 0°36'57.6"W	
	Buoy "AT 1" Y, spherical, L Fl Y 10s Buoy "AT 2" Y, spherical, Fl(5) Y 20s Buoy "AT 3" Y, spherical, Fl Y 5s Buoy "AT 4" Y, spherical, Fl(5) Y 20s Buoy "AT 5" Y, spherical, Fl(4) Y 10s Buoy "AT 6" Y, spherical, L Fl Y 10s Buoy "AT 7" Y, spherical, Fl(5) Y 20s Buoy "AT 8" Y, spherical, Fl Y 5s (11(180)01, 24(336)03 's-Gravenhage)		37505	2Ed. 11/23/85 LAST NM 33/03 Delete R Bn at light (9(160)03 Cadiz)	41/03
		52°41.0'N 4°21.8'E 52°41.0'N 4°24.8'E 52°41.0'N 4°27.5'E 52°37.1'N 4°22.9"E 52°37.1'N 4°25.9"E 52°31.2'N 4°21.8'E 52°31.2'N 4°24.8'E 52°31.2'N 4°27.5'E		43°09'36"N 9°12'42"W	
37166	2Ed. 7/13/96 LAST NM 40/03 Add Submarine cable [L30.1] joining	41/03	43150	2Ed. 9/29/90 LAST NM N38/03 Delete Visibility (range) from light Change Visibility (range) of light to 9-6M Visibility (range) of light to 6-4M (BA LL)	N41/03
		52°27.3'N 1°44.2'E 52°27.7'N 1°47.9'E 52°27.2'N 1°56.9'E 52°26.2'N 2°02.9'E 52°26.6'N 2°10.9'E 52°29.3'N 2°14.7'E 52°29.1'N 2°22.5'E 52°28.7'N 2°43.7'E 52°29.1'N 2°50.4'E 52°28.6'N 3°00.5'E 52°29.1'N 3°12.8'E 52°26.7'N 3°22.4'E 52°31.9'N 3°40.5'E 52°32.0'N 3°43.2'E 52°37.5'N 3°58.7'E 52°37.9'N 4°00.8'E 52°38.8'N 4°18.5'E 52°39.5'N 4°21.2'E 52°38.8'N 4°31.8'E 52°37.0'N 4°37.3'E		67°59.8'N 13°12.7'E 68°01.7'N 13°21.7'E 67°38.3'N 12°41.8'E	
	(11(180)01 's-Gravenhage)		43160	6Ed. 3/15/97 LAST NM 38/03 Delete Visibility (range) from light Change Visibility (range) of light to 9-6M Visibility (range) of light to 6-4M (BA LL)	41/03
				67°59.8'N 13°12.4'E 68°01.7'N 13°21.7'E 67°38.3'N 12°41.8'E	
43161	2Ed. 10/18/80 LAST NM 35/03 Change Red sector of light to 034°-051°	41/03	43161	2Ed. 10/18/80 LAST NM 35/03 Change Red sector of light to 034°-051° Sectors of light between 255°-345° to white 255°-267°, red-345° Light to Oc WRG 6s 36ft 9-6M Light to Oc WRG 6s 40ft Note: sectors remain unchanged Visibility (range) of light to 9-6M Add Visibility (range) 5-3M to light (See 44/02-43161) (BA LL)	41/03
				67°53'14"N 13°02'19"E 67°56'13"N 13°06'43"E 68°01'08"N 13°11'12"E 67°59'54"N 13°12'20"E 68°01'43"N 13°21'32"E 68°02'32"N 13°15'02"E	

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43162	3Ed. 11/13/93 LAST NM 35/99 Change Red sector of light to 337°-002°30' 67°38'39"N 12°33'36"E Visibility (range) of light to 6-4M 67°38'16"N 12°41'37"E	41/03	51100	7Ed. 10/22/94 LAST NM 34/03 Delete R Bn at light (9/160/03 Cadiz)	41/03
Add (BA LL)	Period 8s to light 67°39'11"N 12°43'02"E				
43163	3Ed. 12/3/83 LAST NM 44/02 Change Sectors of light to green 071°-133°, red -175°, white -071° 67°31'39"N 12°11'49"E Visibility (range) of light to 6-4M 67°38'16"N 12°41'42"E	41/03	51580	13Ed. 11/9/96 LAST NM 48/99 Change Height of light to 17m Height of light to 10m	41/03
Add (BA LL)	Period 8s to light 67°39'16"N 12°43'05"E		Add Depth 6.7 meters enclosed by depth contour (10-meter) (11°44.1'N 15°40.5'W)		11°49.3'N 15°35.5'W 11°38.5'N 15°28.5'W
44100	7Ed. 3/9/96 LAST NM 40/03 Add Position circle "Mast R Lt (74)" 55°26.6'N 13°50.3'E (15/176/02 Norrkoping)	41/03	(Plan A) Change Height of light to 17m 11°49'15.5"N 15°35'31.5"W Add Characteristic 2 Iso R 4s to light symbol 11°50'13.5"N 15°35'24.0"W (52/4789/98 Taunton; BA LL)		
44105	2Ed. 1/29/94 LAST NM 27/03 Change Light to Fl(4) WRG 12s 12m 9-5M 56°02'05"N 14°46'50"E Note: Existing sectors remain	41/03	52141	5Ed. 5/25/96 LAST NM 48/02 (Plan A) Change Light to Fl(3) R 9s 2m 1M 39°54'17.2"N 3°05'06.2"E Light to Fl(3) R 9s 2m 1M 39°54'15.7"N 3°05'10.2"E Visibility (range) of light to 5M 39°54'06.8"N 3°05'10.2"E (9/166/03 Cadiz)	41/03
Add Buoy YB, spar, double cone topmark points downward 55°58'59"N 14°42'32"E (19/1135), 21(1162/03 Norrkoping; Swd LL)					
44120	7Ed. 2/22/97 LAST NM 40/03 Change Light to Fl(4) WRG 12s 12m 9-5M 56°02.1'N 14°46.8'E	41/03	53083	8Ed. 4/15/95 LAST NM 22/03 Delete Light and sector limits 43°15'50.0"N 6°35'34.0"E (46/37/00 Brest)	41/03
Add Buoy YB, spar, double cone topmark points downward 55°59.0'N 14°42.5'E					
	Position circle "Mast R Lt (74)" 55°26.6'N 13°50.3'E (15/176/02, 19/1135), 21(1162/03 Norrkoping; Swd LL)		53089	4Ed. 4/30/94 LAST NM 23/03 Delete Light and sector limits 43°15'50.0"N 6°35'34.0"E (46/37/00 Brest)	41/03
44160	7Ed. 4/5/97 LAST NM 31/03 Delete Light 57°05.7'N 16°33.2'E	41/03	53093	2Ed. 1/18/97 LAST NM 20/02 Delete Depth 49 meters (PD) 43°44'21.9"N 7°26'30.2"E (15/38/03 Brest)	41/03
Add Range light, [P20.1] front QR 57°07.0'N 16°33.7'E Range light, rear Oc R 6s 57°07.1'N 16°33.7'E (20/1145/03 Norrkoping)			54421	6Ed. 3/17/01 LAST NM 36/03 Add Legend "Works in progress (2003)" 36°37'28"N 29°06'05"E (Plan) Add Legend "Works in progress (2003)" 36°37'28.2"N 29°06'04.8"E (19/90/03 Istanbul)	41/03
44161	2Ed. 6/8/96 LAST NM 39/03 (Panel B) Add Buoy G, spar 56°40'43"N 16°25'30"E Buoy R, spar 56°40'36"N 16°25'42"E Buoy G, spar 56°40'18"N 16°26'22"E (20/261/02 Norrkoping)	41/03	55040	4Ed. 7/31/99 LAST NM 39/03 Add Light Fl(2) R 5s 8M 40°59.9'N 28°57.6'E (14/56/03 Istanbul)	41/03
44207	1Ed. 11/22/86 LAST NM 40/03 (Plan A) Delete Buoy 61°12'51.0"N 17°13'31.2"E (20/1139/03 Norrkoping)	41/03	55046	4Ed. 11/30/96 LAST NM 36/03 Add Light Fl(2) R 5s 9m 8M 40°59'54"N 28°57'37"E (14/56/03 Istanbul)	41/03
44400	4Ed. 9/7/96 LAST NM 34/03 Add Buoy Y, pillar, "X" topmark, Fl Y 5s 57°18.0'N 23°50.9'E (8/98/03 Riga)	41/03	55047	8Ed. 9/16/00 LAST NM 27/02 Add Light Fl(2) R 5s 9m 8M 40°59'54.0" N 28°57'37.0"E (14/56/03 Istanbul)	41/03
44401	7Ed. 9/29/01 LAST NM 24/03 Add Buoy RW, pillar, ball topmark 57°01'22.8"N 23°55'04.2"E Maximum authorized draft 1.2 meters [M6] along range line centered 57°00'54.0"N 23°55'35.0"E (5/53), 8(101/03 Riga)	41/03	55160	2Ed. 6/1/96 LAST NM 29/03 Add Light 2 Fl Y 3s 13m 7M 41°21.6'N 36°42.5"E (17/80/03 Istanbul)	41/03
44410	4Ed. 2/8/97 LAST NM 27/03 Change Light to Fl(3) 9s 12m 8-5M 57°55.3'N 19°02.4'E Note: Existing sectors remain (20/1144/03 Norrkoping; Swd LL)	41/03	55161	1Ed. 8/10/96 LAST NM 17/03 Add Light 2 Fl Y 3s 13m 7M 41°21'34"N 36°42'31"E (17/80/03 Istanbul)	41/03
44444	6Ed. 5/15/99 LAST NM 38/03 (Plan A) Change Light to Fl Bu 2s 1M 57°24'01.8"N 21°31'49.2"E (3/37/03 Riga)	41/03	57242	8Ed. 9/28/96 LAST NM 7/01 Delete Platform and legend "HORN" Platform and legend "HORN" Submarine pipeline between 5°57'50"S 12°10'06"E 5°58'34"S 12°10'30"E 5°50'00"S 12°12'24"E 5°56'46"S 12°10'00"E Submarine pipeline between 5°55'17"S 12°14'51"E 5°57'50"S 12°10'06"E Light from buoy "2A" 6°01'53"S 12°24'27"E Light from buoy "3" 6°01'54"S 12°24'35"E	41/03

(continued on next page)

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NM 41/03

57242	(Continued)		
	Buoy "4A"	6°01'02"S 12°24'21"E	Beacons (6) and dashed line between 5°52'44"S 13°01'35"E 5°52'13"S 13°02'35"E
	Buoy	6°00'19"S 12°24'29"E	Light 5°51'33"S 13°03'52"E
	Buoy "5A"	5°59'38"S 12°25'05"E	Buoy "91" 5°51'58"S 13°03'46"E
	Buoy "7B"	5°59'11"S 12°26'12"E	Substitute Beacon for range light, front 5°53'05"S 13°00'58"E
	Buoy "8A"	5°59'03"S 12°26'09"E	Beacon for range light, rear 5°52'07"S 13°02'58"E
	Buoy "7A"	5°59'00"S 12°26'48"E	Beacon W for range light, front 5°51'40"S 13°04'58"E
	Buoy	5°58'54"S 12°26'45"E	Beacon W for range light, rear 5°51'16"S 13°04'38"E
	Buoy "10"	6°03'38"S 12°26'10"E	Beacon W for light 5°53'06"S 13°06'20"E
	Buoy "12"	6°03'41"S 12°28'37"E	Beacon W for light 5°53'53"S 13°07'12"E
	Buoy "14"	6°02'52"S 12°31'27"E	Beacon W for range light, front 5°53'24"S 13°08'14"E
	Buoy "16"	6°01'50"S 12°34'21"E	Beacon W for range light, rear 5°53'48"S 13°07'15"E
	Buoy "18"	6°01'58"S 12°36'18"E	
Substitute	Beacon for light	6°02'10"S 12°37'08"E	Beacon, cone topmark for range light, front 5°54'32"S 13°07'18"E
Change	Buoy "2" to "Stella 2" Or, can	6°02'12"S 12°22'35"E	
Add	Platform [L10] "Fla"	5°55'21"S 12°10'08"E	Beacon for range light, rear 5°54'44"S 13°07'28"E
	Platform [L10] "GCO-1"	5°58'00"S 12°10'12"E	Beacon W for light 5°54'05"S 13°08'04"E
	Platform [L10] "GCO-4"	5°58'42"S 12°10'42"E	
	Submarine pipeline [L40.1] between	5°55'21"S 12°10'08"E	Change Buoy "86" to R, can 5°52'20"S 13°01'55"E
		5°57'25"S 12°10'00"E	Buoy "90" to R, can 5°51'41"S 13°03'43"E
	Submarine pipeline [L40.1] between	5°58'00"S 12°10'12"E	Buoy "91A" to G, conical 5°52'01"S 13°04'38"E
		5°57'40"S 12°10'00"E	Buoy "91B" to G, conical 5°52'02"S 13°05'00"E
	Submarine pipeline [L40.1] joining	5°50'00"S 12°12'24"E	Buoy "93" to G, conical 5°54'18"S 13°07'02"E
		5°57'27"S 12°10'18"E	
		5°57'27"S 12°10'00"E	Legend to "Beacons in line 141°00'-321°00'" 5°53'15"S 13°06'20"E
	Submarine pipeline [L40.1] joining	5°55'17"S 12°14'51"E	Legend to "Beacons in line 056°00'" 5°53'54"S 13°07'38"E
		5°57'30"S 12°10'18"E	
		5°57'30"S 12°10'00"E	
	Submarine pipeline [L40.1] joining	5°55'44"S 12°15'18"E	(Plan)
		5°55'44"S 12°14'51"E	Delete Beacons (2) and dashed line between
		5°55'17"S 12°14'51"E	5°52'19.8"S 13°02'37.5"E
	Submarine pipeline [L40.1] joining	5°58'42"S 12°10'42"E	5°52'22.2"S 13°02'00.0"E
		5°58'28"S 12°10'42"E	
		5°58'02"S 12°10'34"E	Range lights (2) and range line between
		5°57'39"S 12°10'19"E	5°51'15.0"S 13°03'29.1"E
		5°57'32"S 12°10'00"E	5°52'12.8"S 13°02'00.0"E
	Submerged well [L21.1]	5°54'07"S 12°12'46"E	Range line between 5°52'07.0"S 13°02'56.7"E
	Submerged well [L21.1]	5°56'49"S 12°15'55"E	5°52'24.0"S 13°02'21.0"E
	Submerged well [L21.1]	5°57'48"S 12°10'10"E	
	Submerged well [L21.1]	5°58'25"S 12°10'26"E	Light 5°51'34.1"S 13°03'52.1"E
	Submerged well [L21.1]	5°58'42"S 12°10'59"E	Buoy "91" 5°51'58.0"S 13°03'45.8"E
	Stranded wreck [K24] PA	6°01'54"S 12°23'18"E	
	Dangerous wreck [K28]	6°00'45"S 12°24'30"E	Substitute Beacon for range light, rear 5°52'07.0"S 13°02'56.7"E
	Foul ground symbol [K31]	5°54'06"S 12°14'01"E	
	Foul ground symbol [K31]	5°56'04"S 12°16'55"E	Change Buoy "90" to R, can 5°51'42.0"S 13°03'43.0"E
	Foul ground symbol [K31]	6°09'09"S 12°14'48"E	(BA CH 657)
	Pilot station symbol [T1.1]	6°02'34"S 12°24'24"E	
	Buoy G, conical, Iso G 8s	6°04'52"S 12°20'06"E	
	Buoy R, can, Iso R 4s	6°04'54"S 12°20'12"E	
	"Dredged to 6m (1989) (buoyed)" area [I22] bound by dashed line joining	6°04'54"S 12°20'08"E	
		6°06'06"S 12°19'43"E	
		6°06'27"S 12°19'34"E	
		6°07'06"S 12°19'10"E	
		6°07'19"S 12°19'06"E	
		6°07'22"S 12°19'10"E	
		6°07'29"S 12°19'19"E	
		6°06'58"S 12°19'19"E	
		6°06'16"S 12°19'44"E	
		6°04'54"S 12°20'12"E	
	Beacon	6°02'31"S 12°31'16"E	Depth 19.1 meters Rk [K14.2] 4°29.0"S 55°32.8"E
	Beacon	6°01'45"S 12°33'24"E	Rock awash [K12] 4°29.1"S 55°32.1"E
	Beacon BW	6°01'26"S 12°34'36"E	Depth 11.8 meters Rk [K14.2] 4°30.3"S 55°31.6"E
	Buoy "18" R, can (BA CH 657, 658)	6°01'54"S 12°36'30"E	Depth 10.3 meters Rk [K14.2] 4°31.0"S 55°29.5"E
			Rock awash [K12] 4°32.0"S 55°29.4"E
			Depth 6 meters Rk [K14.2] 4°46.6"S 55°31.7"E
			(NIMA; NTM0028/2003)
57245	1Ed. 8/17/91 LAST NM 41/91	41/03	
Delete	Range beacons (2) and range line between	5°51'20"S 12°59'55"E	
		5°58'50"S 12°54'35"E	
	Range lights (2) and range line between	5°51'14"S 13°03'29"E	
		5°53'37"S 12°59'49"E	
	Range line between	5°52'07"S 13°02'58"E	
		5°55'00"S 12°56'56"E	
*61541	8Ed. 10/28/95 LAST NM 4/02	41/03	
Delete	Purple outline of chart 61542	4°38.9"S 55°32.6"E	
Add	Purple outline of chart 61542 joining	4°34.0"S 55°26.9"E	
		4°34.0"S 55°31.4"E	
		4°40.8"S 55°31.4"E	
		4°40.8"S 55°26.9"E	
*61542	6Ed. 11/22/97 LAST NM 4/02	41/03	
Add	Depth 4.3 meters enclosed by depth contour (5-meter)	4°36.83"S 55°29.12"E	
	Depth 2.5 meters enclosed by depth contour (5-meter)	4°37.57"S 55°29.08"E	
	Depth 6.8 meters enclosed by depth contour (10-meter)	4°38.16"S 55°29.00"E	
	Depth 3 meters enclosed by depth contour (5-meter)	4°39.27"S 55°30.96"E	
	Depth 3.5 meters enclosed by depth contour (5-meter)	4°39.38"S 55°30.73"E	
	Depth 2 meters enclosed by depth contour (5-meter)	4°39.43"S 55°30.79"E	
		(NTM0028/2003)	

62032	16Ed. 2/1/03 LAST NM 21/03 Substitute Buoy "Dalma" YBY, pillar, double cone topmark points together with light flare symbol and Racon for light float 24°32.4'N 52°27.7'E Buoy "Creagh Shoal" YBY, pillar, double cone topmark points together with light flare symbol and Racon for light float 24°43.1'N 52°43.0'E (NTM0029/2003)	41/03	Beacon to BYB, double cone topmark bases together, Q(3) 10s 27°13'35"S 153°07'04"E Period of beacon "2" to 4s 27°11'28"S 153°05'42"E Add Buoy G, can, cone topmark, Fl G 2.5s 27°13'53"S 153°07'17"E (10(285)00 Wollongong)
62033	3Ed. 2/1/03 LAST NM N21/03 Substitute Buoy "Dalma" YBY, pillar, double cone topmark points together with light flare symbol and Racon for light float 24°32.4'N 52°27.7'E Buoy "Creagh Shoal" YBY, pillar, double cone topmark points together with light flare symbol and Racon for light float 24°43.1'N 52°43.0'E (NTM0029/2003)	N41/03	74240 8Ed. 7/22/95 LAST NM 9/03 Add Wreck [K29] 18°40.2'S 146°54.8'E (14(475)03 Wollongong)
62401	9Ed. 8/26/95 LAST NM 10/03 Substitute Buoy "Dalma" YBY, pillar, double cone topmark points together, Q(9) 15s Racon for light float 24°32'24"N 52°27'42"E Buoy "Creagh Shoal" YBY, pillar, double cone topmark points together, Q(9) 15s Racon for light float 24°43'06"N 52°43'00"E (NTM0029/2003)	41/03	74320 3Ed. 3/28/98 LAST NM 18/03 Add Anchorage area "Karumba Roadstead" [N12.3] 41/03 bound by purple dashed line joining 17°10.0'S 140°29.0'E 17°09.0'S 140°30.0'E 17°19.5'S 140°39.0'E 17°20.5'S 140°38.0'E (10(290)00 Wollongong)
62440	8Ed. 3/1/03 LAST NM 16/03 Substitute Buoy "Dalma" YBY, pillar, double cone topmark points together, Q(9) 15s Racon for light float 24°32'30"N 52°27'48"E Buoy "Creagh Shoal" YBY, pillar, double cone topmark points together, Q(9) 15s Racon for light float 24°43'06"N 52°43'00"E (NTM0029/2003)	41/03	★81076 10Ed. 8/03 NEW EDITION (NOS) 41/03
62459	2Ed. 1/14/95 LAST NM 6/03 Substitute Buoy "Dalma" YBY, pillar, double cone topmark points together, Q(9) 15s Racon for light float 24°32.50'N 52°27.90'E (NTM0029/2003)	41/03	82200 2Ed. 11/18/95 LAST NM 17/03 Change Visibility (range) of light to 4M 41/03 (10(287)00 Wollongong)
62480	2Ed. 3/1/03 LAST NM 32/03 Substitute Buoy "Dalma" YBY, pillar, double cone topmark points together, Q(9) 15s Racon for light float 24°32.5'N 52°27.9'E Buoy "Creagh Shoal" YBY, pillar, double cone topmark points together, Q(9) 15s Racon for light float 24°43.1'N 52°43.0'E (NTM0029/2003)	41/03	82215 2Ed. 11/4/95 LAST NM 21/96 Change Visibility (range) of light to 10M 41/03 Visibility (range) of light to 10M (10(288)00 Wollongong)
62520	6Ed. 3/15/03 LAST NM 32/03 Substitute Buoy "Creagh Shoal" YBY, pillar, double cone topmark points together, Q(9) 15s Racon for light float 24°43.1'N 52°43.0'E (NTM0029/2003)	41/03	93721 5Ed. 6/5/99 LAST NM 40/03 Add Beacon BRB, double ball topmark, Fl(2) 10s 6m 5M 41/03 22°14'30"N 114°02'23"E Stranded wreck [K24] (PA) 22°39'20"N 113°46'01"E (18(57)03 Hong Kong; 28(590)03 Tianjin)
62521	4Ed. 3/15/03 LAST NM N32/03 Substitute Buoy "Creagh Shoal" YBY, pillar, double cone topmark points together, Q(9) 15s Racon for light float 24°43.1'N 52°43.0'E (NTM0029/2003)	N41/03	93730 3Ed. 6/29/96 LAST NM 31/03 Add Danger circle "Well" [L21.3] (PA) with height 5.7 meters above bottom 41/03 (22(445)03 Tianjin)
74000	6Ed. 9/9/95 LAST NM 18/03 Add Danger circle "Obstn" [K40] 32°58.9'S 151°55.1'E (17(553)03 Wollongong)	41/03	93733 13Ed. 6/28/97 LAST NM 40/03 Delete Legend "Maintained Depth 12.2m" 41/03 22°20'28"N 114°07'09"E Legend "Maintained Depth 14m" 22°19'30"N 114°07'00"E Add Beacon BRB, double ball topmark, Fl(2) 10s 6m 5M 22°14'30"N 114°02'23"E (18(57)03, 104/03 Hong Kong)
74151	9Ed. 3/11/95 LAST NM 40/03 Add Danger circle "Obstn" [K40] 32°58'56"S 151°55'07"E (17(553)03 Wollongong)	41/03	93736 22Ed. 6/27/98 LAST NM 40/03 Delete Depth 12.6 meters 41/03 22°19'05.0"N 114°04'25.4"E Dashed line joining 22°20'51.0"N 114°06'58.0"E 22°19'59.0"N 114°07'09.0"E 22°19'52.0"N 114°07'01.0"E Dashed line between 22°19'56.0"N 114°07'32.0"E 22°19'47.0"N 114°07'01.0"E Legend "Maintained Depth 12.2m" 22°20'22.0"N 114°07'12.0"E Legend "Maintained depth 14m" 22°19'35.0"N 114°07'18.0"E
74153	2Ed. 3/4/95 LAST NM 27/03 Add Danger circle "Obstn" [K40] 32°58'56.4"S 151°55'06.6"E (17(553)03 Wollongong)	41/03	Substitute Depth 12.5 meters for 12 meters 22°19'10.7"N 114°04'23.0"E Depth 12.1 meters for 12.7 meters 22°19'20.3"N 114°03'47.0"E
74182	12Ed. 2/13/99 LAST NM 40/03 Change Buoy to G, can, cone topmark, Fl G 4s 27°13'12"S 153°07'16"E	41/03	Add Depth 6.3 meters 22°18'20.6"N 114°11'38.8"E Depth 7.5 meters 22°20'37.4"N 114°04'08.5"E Depth 6.8 meters 22°20'15.8"N 114°03'51.5"E Depth 10.9 meters 22°17'34.0"N 114°08'53.0"E Depth 9.8 meters 22°17'46.6"N 114°09'04.6"E

(continued on next page)

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93736	(Continued)				
	Depth 11.4 meters	22°17'28.1"N 114°09'17.7"E			
	Depth 12.8 meters	22°19'01.2"N 114°04'26.8"E			
	"Dredged to 15m" area [I22] bound by dashed line joining	22°20'30.4"N 114°06'50.4"E 22°20'30.8"N 114°06'52.1"E 22°20'46.3"N 114°06'46.9"E 22°20'50.2"N 114°07'00.2"E 22°20'45.5"N 114°07'01.9"E 22°20'48.5"N 114°07'11.8"E 22°19'40.1"N 114°07'35.0"E 22°19'28.5"N 114°07'20.8"E 22°19'23.8"N 114°07'00.8"E 22°19'33.6"N 114°06'51.9"E 22°19'37.1"N 114°06'55.0"E 22°19'38.1"N 114°06'53.7"E 22°19'51.2"N 114°07'05.6"E 22°20'20.0"N 114°06'55.9"E 22°20'19.5"N 114°06'54.2"E			
	(16(52), 17(54), 18(56), 19(59)03, 104/03 Hong Kong)				
94061	5Ed. 4/27/96 LAST NM 23/03 (Plan)		41/03		
Add	Dangerous wreck [K28] (PA) (24(490)03 Tianjin)	24°29'24.6"N 118°04'08.0"E			
94160	7Ed. 3/23/96 LAST NM 31/03		41/03		
Add	Dangerous wreck [K28] (PA) Dangerous wreck [K28] (46(829)02, 28(584)03 Tianjin)	27°17.4"N 120°46.2"E 26°31.3"N 119°55.7"E			
94164	2Ed. 3/23/96 LAST NM 19/03		41/03		
Add	Dangerous wreck [K28] (46(829)02 Tianjin)	26°31'20"N 119°55'43"E			
94203	10Ed. 11/21/98 LAST NM 24/03		41/03		
Add	Anchorage area "No 1" [N12.2] bound by dashed line joining	30°26'37"N 122°45'17"E 30°25'19"N 122°44'10"E 30°24'21"N 122°45'40"E 30°25'39"N 122°46'48"E			
	Anchorage area "No 2" [N12.2] bound by dashed line joining	30°36'12"N 122°33'04"E 30°37'18"N 122°33'04"E 30°37'18"N 122°35'23"E 30°36'12"N 122°35'23"E			
	(25(494, 495)03 Tianjin)				
97104	4Ed. 2/17/96 LAST NM 7/03		41/03		
Delete	"ENTRY PROHIBITED" area in vicinity	36°55'20.0"N 140°54'45.0"E			
Add	Double solid line with land tint (breakwater) [F4.1] between	36°55'19.0"N 140°54'44.0"E 36°55'20.0"N 140°54'45.0"E			
	Double solid line with land tint (breakwater) [F4.1] joining	36°55'49.0"N 140°54'04.0"E 36°55'54.0"N 140°54'10.0"E 36°55'57.0"N 140°54'03.0"E 36°56'05.0"N 140°54'01.0"E			
	(18(689)03 Tokyo)				
97105	3Ed. 4/9/94 LAST NM 20/02		41/03		
Add	Solid line (breakwater) [F4.1] between	36°55'19.0"N 140°54'44.0"E 36°55'20.0"N 140°54'45.0"E			
	Solid line (breakwater) [F4.1] joining	36°55'49.0"N 140°54'04.0"E 36°55'54.0"N 140°54'10.0"E 36°55'57.0"N 140°54'03.0"E 36°56'05.0"N 140°54'01.0"E			
	(18(689)03 Tokyo)				
97226	7Ed. 8/29/98 LAST NM 18/03		41/03		
Delete	Legend "Under construction"	34°31'53.0"N 135°22'42.5"E			
Substitute	Solid line for dashed line in vicinity	34°31'53.0"N 135°22'44.0"E			
	(18(679)03 Tokyo)				

SECTION I

NM 41/03

Chart 12208

NM 41/03

THIMBLE SHOAL AND CHESAPEAKE BAY ENTRANCE CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
THIMBLE SHOAL CHANNEL (A)								
NORTH ELEMENT (B)	47.6	46.5	45.6	44.1	6,7,9-00	350	13.0	55
SOUTH ELEMENT (C)	49.7	50.0	49.7	50.3	6,7,9-00	650	13.0	55
NORTH AUXILIARY CHANNEL (D)						450		32
SOUTH AUXILIARY CHANNEL (D)						450		32
CAPE HENRY CHANNEL	47.4	52.3	52.5	49.3	1,12-02	1000	4.0	50
A. CHANNEL IS RESTRICTED TO EXCLUDE VESSELS AND TOWS DRAWING LESS THAN 25 FEET. B. PORTION OF PROJECT MAINTAINED TO 45 FEET C. PORTION OF PROJECT MAINTAINED TO 50 FEET D. PROJECT MAINTENANCE DISCONTINUED NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 12221

NM 41/03

THIMBLE SHOAL AND CHESAPEAKE BAY ENTRANCE CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
THIMBLE SHOAL CHANNEL (A)								
NORTH ELEMENT (B)	47.6	46.5	45.6	44.1	6,7,9-00	350	13.0	55
SOUTH ELEMENT (C)	49.7	50.0	49.7	50.3	6,7,9-00	650	13.0	55
NORTH AUXILIARY CHANNEL (D)						450		32
SOUTH AUXILIARY CHANNEL (D)						450		32
CAPE HENRY CHANNEL	47.4	52.3	52.5	49.3	1,12-02	1000	4.0	50
YORK SPIT CHANNEL	45.1	49.4	49.5	47.2	11-99;2-00;9,11-02	1000(E)	18.4	50
YORK RIVER ENTRANCE CHANNEL	37.2	37.8	38.2	37.6	5,6,7-02	750	13.8	37
A. CHANNEL IS RESTRICTED TO EXCLUDE VESSELS AND TOWS DRAWING LESS THAN 25 FEET. B. PORTION OF PROJECT MAINTAINED TO 45 FEET. C. PORTION OF PROJECT MAINTAINED TO 50 FEET. D. PROJECT MAINTENANCE DISCONTINUED. E. CHANNEL WIDTH MAINTAINED TO 800 FEET. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.								

Chart 12222

NM 41/03

NORFOLK HARBOR AND APPROACHES TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
THIMBLE SHOAL CHANNEL (A)								
NORTH ELEMENT (B)	47.6	46.5	45.6	44.1	6,7,9-00	350	13.0	55
SOUTH ELEMENT (C)	49.7	50.0	49.7	50.3	6,7,9-00	650	13.0	55
NORTH AUXILIARY CHANNEL (D)						450		32
SOUTH AUXILIARY CHANNEL (D)						450		32
NORFOLK HARBOR								
ENTRANCE REACH	50.3	51.5	52.9	52.0	4-99	1000	1.4	50
NORFOLK HARBOR REACH	51.3	50.8	45.6	45.4	9,10-02	1250-800	3.8	55
CRANEY ISLAND REACH	48.8	51.5	50.8	46.1	9,10-02	800	2.1	55
LAMBERTS BEND	36.9	45.8	40.0	37.5	3-02	750	0.3	45
PORT NORFOLK REACH	38.0	40.0	40.3	38.6	3-02	750	2.0	45
NEWPORT NEWS CHANNEL	48.7	50.1	50.6	50.3	5,6-02	800	4.2	55
CAPE HENRY CHANNEL	47.4	52.3	52.5	49.3	1,12-02	1000	4.0	50
YORK SPIT CHANNEL	45.1	49.4	49.5	47.2	11-99;2-00;9,11-02	1000(E)	18.4	50
A. THIS CHANNEL IS RESTRICTED TO EXCLUDE VESSELS AND TOWS DRAWING LESS THAN 25 FEET. B. PORTION OF PROJECT MAINTAINED TO 45 FEET. C. PORTION OF PROJECT MAINTAINED TO 50 FEET. D. PROJECT MAINTENANCE DISCONTINUED. E. CHANNEL WIDTH MAINTAINED TO 800 FEET. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.								

SECTION I

Chart 12327

NM 41/03

NEW YORK HARBOR - LOWER BAY - CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2003 AND SURVEYS TO APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
AMBROSE CHANNEL	39.9	45.9	45.8	41.7	4-03	2000 9.2 45
SANDY HOOK CHANNEL (EAST)	38.9	40.7	37.9	31.8	6,7-02	A800-2200 3.5 A35
SANDY HOOK CHANNEL	24.9	38.6	37.3	32.9	6,7-02	800 2.4 35
CHAPEL HILL:						
SOUTH CHANNEL	28.5	29.5	30.1	27.7	10-02	1000 2.7 30
NORTH CHANNEL	28.7	29.1	29.0	27.9	10-02	1000 1.8 30
TERMINAL CHANNEL	44.2	45.7	46.0	44.0	2-97	400 0.8 35
KEYPORT HARBOR CHANNEL	5.0	6.7	6.5	5.8	5-02	100-200 0.9 8
RARITAN BAY EAST REACH	34.9	37.8	37.0	33.6	12-02; 1-03	600 4.0 35
RARITAN BAY WEST REACH	32.9	38.5	39.1	31.0	12-02; 1-03	600 2.4 35
SEGUINE POINT BEND	28.5	35.1	38.4	29.7	9-01	600-800 1.2 35
RED BANK REACH	34.0	40.3	40.5	34.2	9-01	600 1.2 35
WARD POINT BEND (EAST)	31.5	38.7	36.9	27.6	9,12-01	600-800 1.1 35
WARD POINT BEND (WEST)	35.0	35.0	35.0	33.8	9,12-01	600-800 0.8 35
RARITAN RIVER CUT OFF	16.7	19.3	19.3	11.6	3-99	600-1100 1.0 20
WARD POINT SECONDARY CHANNEL	21.3	21.0	20.9	20.6	12-02	400 0.9 30
GREAT BEDS REACH	23.9	25.3	25.1	23.3	6-02	300 0.6 25
SOUTH AMBOY REACH	24.1	24.3	24.5	23.4	6-02	300 1.2 25
A. THE NAVAL FACILITIES ENGINEERING COMMAND MAINTAINS A 45 FOOT PROJECT FOR A WIDTH OF 600 FEET IN SANDY HOOK (EAST) TO THE TURNING BASIN.						
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 12401

NM 41/03

NEW YORK HARBOR-LOWER BAY-CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2003 AND SURVEYS TO APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
AMBROSE CHANNEL	39.9	45.9	45.8	41.7	4-03	2000 9.2 45
SANDY HOOK CHANNEL (EAST)	38.9	40.7	37.9	31.8	6,7-02	A800-2200 3.5 A35
SANDY HOOK CHANNEL	24.9	38.6	37.3	32.9	6,7-02	800 2.4 35
CHAPEL HILL:						
SOUTH CHANNEL	28.5	29.5	30.1	27.7	10-02	1000 2.7 30
TERMINAL CHANNEL	44.2	45.7	46.0	44.0	2-97	400 0.8 35
RARITAN BAY EAST REACH	34.9	37.8	37.0	33.6	12-02; 1-03	600 4.0 35
RARITAN BAY WEST REACH	32.9	38.5	39.1	31.0	12-02; 1-03	600 2.4 35
A. THE NAVAL FACILITIES ENGINEERING COMMAND MAINTAINS A 45 FOOT PROJECT FOR A WIDTH OF 600 FEET IN SANDY HOOK (EAST) TO THE TURNING BASIN.						
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 12402

NM 41/03

NEW YORK HARBOR-LOWER BAY-CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2003 AND SURVEYS TO APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
AMBROSE CHANNEL	39.9	45.9	45.8	41.7	4-03	2000 9.2 45
CHAPEL HILL:						
SOUTH CHANNEL	28.5	29.5	30.1	27.7	10-02	1000 2.7 30
NORTH CHANNEL	28.7	29.1	29.0	27.9	10-02	1000 1.8 30
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 41/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	45/02	11307	36	28,31/02;22,24,27,35/03	11366	7	48*,51/02;5,6,7,8,19,21, 23,24,26,27,29,30,34,35,	11468	39	42*,43,49/02;40/03
20	3	18/03	11308	22	3*,7,10,23,25,32/03	11309	36	28,36,46/02;1,6,7,22,24, 25,32/03	11469	5	35,50/02;7,9,12,21,23,31, 40/03
22	1	18/03	11310	1	N46/02;N22,N32/03	11367	32	38/03*	11470	36	10*,12,40/03
50	6	32*,34,40/03	11311	23	46/02;26/03	11368	22	38/02*,19,21,23,30,33, 34,35/03	11472	31	8*,25,40/03
53	2	34/03	11312	3	28,36,46/02;1,6,7,22,23, 32/03	11369	44	9*,18,19,21,27/03	11474	10	6,17/03
70	4	7,34/03	11313	22	31/02;22,27,36/03	11370	24	38/03*	11475	16	51/02;13/03
71	4	7,34/03	11314	22	17*,21,22,32/03	11371	36	35/03*	11476	19	6,34/03
72	4	7/03	11315	30	37/02*	11372	30	2*,7,8,10,19,23,24,26,27, 31/03	11478	20	32/03*
73	4	34/03	11316	39	17*,22,26,29,34/03	11373	42	31*,33,37,40,41,42,45, 49/02;7,9,19,20,21,23,24, 25,26,27,29,34,36,38/03	11479	4	N28,N29,N35,N50/02; N6,N23,N25,N31,N34, N40/03
101	3	48/02	11317	29	37,40,49/02;16,19,20,21, 23,26,29,30,34/03	11374	31	45*,49,50/02;1,2,7,8,9, 19,20,23,24,26,27,29,34, 36,38/03	11480	38	30/03*
103	5	16/03	11318	1	N29,N46/02;N6,N24, N25/03	11375	35	1*,2,5,7,9,20,23,24,27, 29/03	11481	4	42*,49/02;6,12,13,19,28, 34/03
108	9	32,35/02;34,39/03	11319	31	17*,19,20,25,26,29,30, 34/03	11376	48	29,31,40,43,50/02;2,7,19, 20,21,22,23,24,25,26,30, 36,37,38/03	11484	21	34/03
120	6	39/03	11320	1	N28/02;N22,N23,N24/03	11377	5	38/03*	11485	33	22/03*
124	10	18,34,39/03	11321	29	28,39,40,41,45/02;23,31, 34/03	11378	32	11*,12,18,20,21,22,24, 26,30,38/03	11486	15	36/03*
125	7	21/03	11322	28	19*,20,23,30,34,35/03	11379	39	46/02*,9,25,26,37/03	11488	24	7,17/03
126	39	21/03	11323	59	28,33,37,39,45/02;1,6,7, 9,20,23,27,29,31,34,35, 38/03	11380	49	30,32/02;9,18,26,30, 37/03	11489	34	8*,12,20,22,31/03
145	16	39/03	11324	32	31,33,37/02;1,6,7,9,10, 16,20,21,23,25,29,30,31, 37,38/03	11381	33	20,21,22,23,24,25,26,30, 36,37,38/03	11491	33	28,29,30,34,37,38/02;12, 30,34/03
200	3	37/03	11325	35	26*,38/03	11382	5	33,34/02;7,21,32/03	11493	9	N39/02;N12,N20,N22, N31/03
301	1	14,21,24/03	11326	31	7*,9,16,20,21,22,23,24, 30,31,33,35,38/03	11383	49	30,32/02;9,18,26,30, 37/03	11494	8	N39/02;N22/03
302	1	2/03	11327	30	28,37,49/02;1,16,19,20, 22,24,29,30,33,35,38/03	11384	33	30/03*	11496	9	N32,N35/02;N1,N17, N19,N34/03
310	20	2,14,21,24/03	11328	22	36,37,39,47,49/02;4,6,16, 20,21,22,23,30,36/03	11385	16	24,34/03	11502	28	14,17,20,22/03
400	3	31,32,33,35,45/02;29,33, 34/03	11329	34	36,37,39,47,49/02;1,4,8, 10,16,21,22,30,36,38/03	11386	32	28,33,37/02;2,7,32/03	11503	39	38*,39,43/02;12,14,17, 20,22,31/03
401	5	31,33,35,45/02;14,29,33, 34/03	11330	32	31,33,37/02;1,6,7,9,10, 16,20,21,23,25,29,30,31, 37,38/03	11387	22	33,34,37/02;7,21,30, 32/03	11504	15	12,22/03
411	49	19*,22,23,24,25,26,29, 30,31,33/03	11331	18	8,19,23,30,34/03	11388	29	34/02;21,32/03	11505	1	28,31,34,40,49/02;1,4,5, 11,22,34/03
500	8	32*,34,41/03	11332	28	42*,43,49,51/02;6,17,19, 20,23,25,31,34,35,38/03	11389	30	30,35/03	11506	40	10*,19,22,28,34/03
501	12	9*,10,18,21,22,24,40, 41/03	11333	1	N28/02;N35/03	11390	22	33,34/02;9,11,12,13/03	11507	31	9*,12,20/03
502	2	52/02;40/03	11334	68	37*,38/03	11391	22	33,34/02;7,21,32/03	11508	21	10/03*
507	2	45/02	11335	39	14*,17,21,22,23,25,31, 34,37,38/03	11392	6	34/02;21,32/03	11509	27	1,11,24/03
508	2	45/02	11336	52	27*,29,31,34,35/03	11393	20	30,35/03	11510	18	34/02
510	3	40/03	11337	36	37*,29,31,34,35/03	11394	14	43*,45/02;7,20/03	11511	16	11/03
513	6	38/02;34/03	11338	68	37*,29,31,34,35/03	11395	41	42*,45/02;1,6,7,11,12,13, 14,20/03	11512	59	10*,11,15,20,22,24,34/03
520	127	38/02;34,40,41/03	11339	40	38,37,49/02;4,8,17,19,20, 23,30,34,35/03	11396	5	42*,45/02;1,2,7,14,20/03	11513	23	32,49/02;1,24/03
521	11	34/03	11340	68	37*,38/03	11397	5	42,48/02;1,2,6,11,12,14, 20/03	11514	26	37*,40,49/02;4,5,15,22, 24,34/03
523	8	34/03	11341	39	14*,17,21,22,23,25,31, 34,37,38/03	11398	28	30/03*	11516	29	37,49/02
524	12	47/02;34/03	11342	52	27*,29,31,34,35/03	11399	28	32/03*	11517	17	32/02;24/03
525	3	40/03	11343	36	37,40,49/02;4,8,17,19,20, 23,30,34,35/03	11400	34	39/02;4,9,11,12,13/03	11518	33	14*,19,28/03
526	10	47/02;6/03	11344	35	9*,19,22,23,26,27,29,31, 34,38/03	11401	29	27/03	11519	12	28/03*
530	30	37,38,40,52/02;6,10,18, 21,22,24,34,40,41/03	11345	31	9*,38/03	11402	21	30*,34/03	11520	41	38*,39/03
531	21	47,52/02;21,24,32,34, 41/03	11346	33	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 31,32/03	11403	18	14,25/03	11521	26	32,35,52/02;5,9,19,24,28, 39/03
532	17	38/02;34/03	11347	28	42*,43,49,51/02;6,17,19, 20,23,25,31,34,35,38/03	11404	34	46*,49/02;4,25/03	11522	19	39/03
540	16	51/02;16,30/03	11348	19	6,7,20,25,27,31,32/03	11405	38	38/03*	11523	21	32,35,52/02;5,9,19,24,28, 34/03
541	2	6/03	11349	40	38*,42,51/02;23,26,27, 31,36/03	11406	19	9/03	11524	46	8*,11,12,13,15,17,19,20, 22,28,34/03
550	7	45/02;6/03	11350	36	37,40,49/02;4,8,17,19,20, 23,30,34,35/03	11407	28	30/03*	11525	6	N39,N40,N44,N46, N51/02;N4,N6,N8,N24, N39/03
601	4	6,8,27,38/03	11351	35	20*,22,23,25,27,30,31, 34/03	11408	33	2/03*	11526	10	20/03*
602	6	47/02;6,38/03	11352	36	9*,7,8,9,20,22,24,26,31, 34/03	11409	27	3/03*	11527	16	37/02;20/03
603	6	47/02;10/03	11353	2	35,38,43,45,49/02;4,5,7, 18,20,21,26,27,31,34/03	11410	27	20*,21,22,25/03	11531	21	31/02*,11,39/03
604	5	38/03	11354	24	26*,31,34/03	11411	32	52/02*,6/03	11532	20	37/02;39/03
605	4	6/03	11355	25	38/03*	11412	21	47/02*	11534	32	17*,36/03
606	1	17/03	11356	35	38/03*	11413	25	17/03*	11535	12	46/02;39/03
607	1	17/03	11357	36	38/03*	11414	32	3/03*	11536	16	38/03*
622	9	47/02;6/03	11358	52	41/03*	11415	21	47/02*	11537	34	21*,23,26,35,36/03
623	9	47/02;19,36/03	11359	11	39/02	11416	39	36/02;6,7,15,20/03	11539	18	39,44,51/02;6/03
632	8	45/02	11360	40	1*,2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37, 38/03	11417	34	38*,39/03	11541	33	8*,9,14,22,35,39/03
702	5	7/03	11361	70	21*,23,24,25,26,30,31, 35/03	11418	30	7,15,39/03	11542	15	39/02
703	4	46/02;7/03	11362	4	N28,N29,N31,N33,N36, N39,N40,N47/02;N2,N5, N6,N8,N19,N23,N24, N25,N26,N27,N29,N30, N34,N35,N37,N38/03	11419	16	7/03	11543	22	29,39/02;8,38/03
705	3	46,52/02	11363	28	29,35,38,40,43,49,51/02; 4,5,7,18,19,20,21,22,24, 26,27,34,38/03	11420	8	28/02;15,22,25,39/03	11544	37	36/02*,8/03
707	2	34/03	11364	39	3*,4,5,8,9,18,19,21,23, 25,26,27,30,33,34,35/03	11421	38	36*,50/02;6,13,15,21,23, 25,31,34,39,40/03	11545	60	45*,47/02;6,8,14,22,23, 24,35,38,39/03
708	3	34,36/03	11365	17	52/02*,9,32,34/03	11422	5	28/02;7,15,25,39/03	11547	35	29,30,37,47/02;6,8,14,22, 23,35,38,39/03
709	2	50/02;19,25/03	11366	11	7,8,21/03	11423	24	28/02;22,25/03	11548	38	47/02*
1113A	20*	21,22,25/03	11367	25	6,7,15,22/03	11424	14	7/03	11549	28	17/03*
1114A	39/02	4,9,11,12,13/03	11368	35	38/03*	11425	16	7/03	11550	28	8/03*
1115A	1*	,2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37, 38/03	11369	36	38/03*	11426	34	52/02*,6/03	11551	38	36/02*,7,24/03
1116A	37*	38/03	11370	11	39/02	11427	21	31/02*	11552	47	38*,42,52/02;7,12,18/03
1117A	28*	,30,31,32,34,35,36/03	11371	40	1*,2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37, 38/03	11428	31	21/02*,22,25/03	11553	28	8/03*
11004	7	28,31,37,39,40,42,43,45, 47,51/02;5,6,7,8,9,14,18, 21,22,23,24,25,26,27,29, 30,32,34,36,37,38/03	11372	4	N28,N29,N31,N33,N36, N39,N40,N47/02;N2,N5, N6,N8,N19,N23,N24, N25,N26,N27,N29,N30, N34,N35,N37,N38/03	11429	17	44/03*	11554	37	36/02*,8/03
11006	30	28*,36,39,40/02;2,6,19, 21,23,24,25,27,29,33, 35/03	11373	4	N28,N29,N31,N33,N36, N39,N40,N47/02;N2,N5, N6,N8,N19,N23,N24, N25,N26,N27,N29,N30, N34,N35,N37,N38/03						

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 41/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12207	20	50,52/02;18/03	12353	17	39/03	13305	28	40,41,49/02;2,7,9,36/03	14226	32	39/03**
12208	9	23*,28,41/03	12354	40	38/03*	13307	10	23,28/03	14227	28	39/03**
12210	36	8*,33/03	12358	19	46*,49/02;1,7,10/03	13308	11	40/02	14228	11	39/03**
12211	41	10/03*	12362	16	49/02	13309	28	42/02*;9,32/03	14229		N39/03*
12214	44	14*,19/03	12363	39	28,44/02;6,23,27,32, 36/03	13312	21	10/03*	14240	6	34/02;1/03
12216	27	47/02*;19/03	12364	34	20*,23,25,27,32,36,39/03	13313	19	41,49,52/02;6,9,36/03	14241	23	39/03**
12221	74	35*,41/03	12365	26	6,23/03	13315	11	49/02	14242	13	40/03**
12222	44	26*,28,33,34,41/03	12366	27	51/02,20,27/03	13316	22	28/03*	14243	8	39/03**
12224	23	8*,33/03	12368	26	42/02*;24,25/03	13318	18	38*,41,52/02;5,6,21/03	14244	5	39/03**
12225	54	22*,33/03	12369	25	31*,44/02;32,35,36/03	13321	9	20/03*	14245	4	39/03**
12226	16	30/02;7/03	12370	18	39/02*	13323	7	5/03	14246	6	39/03**
12228	29	43/02*	12371	23	27/03*	13324	13	41,52/02;2/03	14247		N39/03*
12230	60	30*,34/03	12372	31	45*,47,48/02;2,5,6,23,25, 36/03	13325	14	2,29/03	14248		N40/03*
12231	26	31,35,46/02;7,30/03	12373	14	2/03	13326	12	41,43/02	14249		N39/03*
12233	35	3*,4,5,6,14,34/03	12377	14	37/02	13329	2	6/03	14250		N40/03*
12235	29	30,31,47/02;4,6,7,17, 33/03	12378	14	2,13,23/03	13334	3	39/02*;9,21/03	14251		N40/03*
12237	26	47/02;17,25,34/03	12401	7	31*,47/02;2,13,33,41/03	14002	57	32,34,36,37/03	14252		N40/03*
12238	37	46/02*;1,4,7,19,25,34/03	12402	8	31*,33,47/02;13,34, 41/03	14003	6	48,49/02;5,9,12,29,39/03	14254		N40/03*
12241	21	34,44/02;7,34/03	13000		N48,N49/02;N21,N26, N29/03	14007	76	38/03**	14259	3	40/03**
12245	62	30*,33,34/03	13003	47	36*,39/03	14008	76	38/03**	14260	47	39/03**
12248	39	30,33,40,50/02;4,5,6,8, 15,22,30,33/03	13006	31	36*,39/03	14010	5	35/02,26,32/03	14263	15	40/03**
12251	23	35/02;4,6,7,15,26/03	13009	30	42*,48,49/02;1,9,18,23, 36,39/03	14012	12	34,36/03	14264	4	40/03**
12252	23	33,34/02;4,7,10,15,17,30, 35/03	13200	33	37,48/02;7,9,18,36,39/03	14043	7	21,26/03	14280	37	40/03**
12253	43	35/03*	13201	10	N37,N48/02;N9,N18, N36,N39/03	14044	44	6/03	14310	2	40/03**
12254	43	38*,43,44/02;30,34/03	13203	12	37/02	14046	27	6,9/03	14329	5	32/03
12255	15	44/02;30,34/03	13205	36	37,42,45,48/02;1,5,23/03	14047	3	4/03	14340	25	33,37,40,52/02;12,22, 30/03
12256	13	33,44/02;24,30,34/03	13209	23	37/02;23/03	14048	21	36/03	14341	5	12,34/03
12261	28	37*,44/02;7,18,22/03	13211	13	47/02	14051	44	33/02	14342	20	52/02;30/03
12263	52	35/03*	13212	35	9*,13,36/03	14052	55	14,32,34/03	14344	2	37,40/02
12264	28	38/02*;7/03	13214	27	34*,45,48/02;5/03	14053	29	41/02*;34/03	14345	5	37,40/02;12,22/03
12266	27	30/02;20,30/03	13215	17	45,48/02;1,5/03	14054	11	6/03	14354	2	32/03
12270	32	9*,18,24,25,33/03	13216	1	N48/02	14055	6	41/02*	14357		N52/02
12272	29	36,45/02;13,16,30,33, 38/03	13218	38	29,42,45,51/02;5/03	14056	42	32/03	14358		N36/02;N34/03
12273	53	31,36,45,50/02;5,15,17, 19,30,33,38/03	13221	53	29,44,51/02;2,5,7,27/03	14057	7	14,32,34/03	14360	36	33,36/02
12277	32	35/03*	13222	36	52/02/2/03	14058	58	33/02	14373	2	34/03
12278	72	36,45/02;19,25,30,33, 38/03	13224	36	44/02;5,27/03	14059	29	41/02*;34/03	14386	3	36/02
12280	3	37*,43,45,46,47,50, 52/02;1,6,7,18,28,33, 38/03	13225	13	7/03	14060	2	33/02	14415	4	33/02;36/03
12281	49	12,19,25,38/03	13228	11	51,52/02	14061	6	41/02*	14420	27	40/03**
12282	33	31*,44/02;7,8,18,19,25, 33/03	13229	27	39,42,45,52/02;1,7,19/03	14062	42	32/03	14500	27	52/02*
12283	24	8,18,25/03	13230	46	2*,7,19/03	14063	7	14,32,34/03	14758		N32/03
12284	15	7/03	13231	16	10,39/03	14064	5	32/03	14769		N31/02*
12285	35	11*,14,19,22,34,36/03	13232	29	45/02;1,7,19/03	14065	11	N38/03*	14773	16	26/03
12286	29	2*,4,6/03	13233	39	27*,39/03	14066	11	40/03*	14774	16	15/03
12289	48	10*,19,22/03	13241	15	34,42/02	14067	2	32/03	14775		N31/02*
12300	43	19*,39/03	13244	39	48/02;7,32/03	14068	38	36,38/03	14776		N31/02*
12301	21	N28,N29,N37,N39,N42, N45/02;N5,N17,N39/03	13246	37	36/03*	14069	15	38/03**	14803	26	5/03
12304	43	21*,26/03	13249	12	22/03*	14070	15	N32/03	14804	24	5/03
12311	42	38/03*	13253	18	3*,8/03	14071	2	38/03	14813	21	2/03*
12312	52	10*,15,24,32/03	13255	18	36*,39/03	14072	2	37/03	14816	23	5/03
12313	49	35/03*	13263	7	N36,N43,N48,N49/02; N1,N7,N9,N18,NP21, N23,N26,N29,N36, N39/03	14073	14191	N38/03*	14820	19	11/03*
12314	30	46*,50/02;5,25,33,35/03	13264	103	36,49/02;9,P21,26,29, 39/03	14074	14192	N38/03*	14822	31	10/03*
12316	29	2*,6,32/03	13267	30	52/02;1,7,9,36/03	14075	14193	N38/03*	14823	30	1/03*
12317	31	37,50/02	13270	59	33,34,40,43/02;1,2,7, 12/03	14076	14196	N38/03*	14826	27	4/03*
12318	41	9*,32/03	13272	47	28,40/02;8,25,35/03	14077	14197	N38/03*	14830	30	31*,34/03
12323	23	40/02;4/03	13274	24	45,52/02;1,2,16,32,39/03	14078	14198	36,38/03	14832	34	52/02*
12324	30	2*,8/03	13275	27	45,52/02;1,2,7,16/03	14079	14201	28/03**	14835	31	39/02
12326	49	35/03*	13276	22	36/03*	14080	14202	32/03	14836	27	42/02*
12327	96	1*,2,8,12,13,14,16,18,19, 23,29,33,34,36,41/03	13278	25	1,9,32,39/03	14081	14203	37/03	14837	27	3/03
12331	30	8*,13,14,18,33/03	13279	30	20*,32,39/03	14082	14204	38/03**	14838	3	52/02*
12332	21	43,46/02;13,18/03	13282	11	21*,39/03	14083	14205	38/03**	14839	36	9/03*
12333	32	46*,47/02;5,12,16,18,23, 29/03	13283	18	1,9/03	14084	14206	34/03	14842	12	39/02;2,4/03
12334	66	30*,34,36/03	13285	10	20/03	14085	14207	38/03**	14843	22	39,51/02
12335	39	1,8,23/03	13286	29	39*,40,50/02;1,9/03	14086	14208	38/03**	14844	31	4/03
12337	22	28,31,45/02;13,18/03	13288	40	29,36,43,50,51/02;29/03	14087	14209	N38/03*	14845	26	4/03
12338	9	21/03*	13290	35	39/03*	14088	14210	40/03**	14846	11	39,40/02;2/03
12339	43	23/03	13292	36	36,40/02;7,16,29/03	14089	14211	N40/03*	14847	30	40/02
12341	26	36/03*	13293	33	29,43,51/02;14,27/03	14090	14212	N38/03*	14848	31	28*,33/02
12343	18	37/02*;7,21,27/03	13295	11	2*,14/03	14091	14213	N39/03*	14849	20	51/02
12345	10	42/02*;21/03	13296	25	43/02;27/03	14092	14214	38/03**	14850	51	7,21/03
12347	29	27,29,35/03	13298	10	43,52/02	14093	14215	N39/03*	14852	45	19*,21/03
12348	33	27,29,34/03	13301	20	33,51/02;23/03	14094	14216	N39/03*	14853	14	26/03*
12350	57	39*,49/02;29/03	13302	21	41/02;2,7,9,32/03	14095	14217	38/03**	14854	13	17/03
12352	29	34/02;17,39/03	13303	12	48/02*;7,9/03	14096	14218	N39/03*	14855	26	37/02
						14097	14219	N40/03*	14856	16	4/03
						14098	14220	N39/03*	14865	16	4/03
						14099	14221	40,46/02	14867	26	39/03*
						14100	14222	40/03**	14871	2	34/03
						14101	14223	40/03**	14873	2	35/02
						14102	14224	38/03**	14880	30	33/02;4/03
						14103	14225	17	14881	31	28*,33/02
						14104	14226	40/03**	14885	20	51/02
						14105	14227	41/03*	14886	11	41/03*
						14106	14228	42,47/02	14887	14	52/02*,5/03
						14107	14229				

SECTION I

NM 41/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 41/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14905	29	31,35,37/02;5/03	16595	14	2/03	17495	2	43/02	18452	16	34,38/03
14906	23	5/03	16596	12	39/02*	17503	4	43/02	18453	24	14*,25,36,38/03
14910	23	17/03*	16597	8	43/02	17513		N42,N43/02;N15/03	18455	2	N39/02;N15,N34,N38/03
14911	20	4/03	16598	9	43/02	17515	7	6,15,16,36/03	18458	15	19*,28,34,38/03
14912	17	31/03*	16599	6	43/02	17517	8	6,15,16,34/03	18459	5	N32,N39/02;N9,N15, N28,N34,N38/03
14913	18	31/03*	16603	7	42/02;6/03	17518	7	P44,48/02;16,18,20, 41/03	18460	11	2*,6,7/03
14915	25	28/03*	16606	11	37/02*;21/03	17519	13	16/03	18464	23	24*,30/03
14916	10	45/02*;17/03	16608	3	6/03	17520	2	N6,N16,N34/03	18465	35	2*,15,30/03
14917	23	3/03	16640	24	21/03	17521		N15/03	18468	17	7/03
14918	26	17/03	16646	12	8/03	17522		N15/03	18471	9	36/03*
14922	19	51/02;9/03	16660	28	29,42/02;6,16/03	17523		N15/03	18473	7	4*,18,19,34,38/03
14924	27	28*,32/02;5/03	16662	6	29/02	17524		N12,N15/03	18474	7	45/02*;7,10,15,22,25,34, 36,38/03
14926	10	32/03*	16663	6	29,42/02;6,16/03	17525		N15/03	18475	1	35/03
14927	24	31,32,35,37/02	16665	7	29,42/02;6,16/03	17526		N15/03	18476	4	32,39/02;7,9,28,34,38/03
14928	21	4/03*	16680	10	6,32,37/03	17528		N43/02;N6,N12/03	18477	5	7/03
14929	24	14/03*	16681	10	37/02*	17541	3	43/02	18480	29	2*,6,7/03
14930	24	45/02	16682	15	8*,17,19,37/03	17542	6	47/02	18484	10	28,40/02;15,29/03
14931	24	35/02*	16683	9	3,6,17,32,37/03	17543	17	41/02	18485	15	2*,10,29/03
14932	23	26/03*	16700	28	40/03*	17545	13	43,47/02	18500	28	32,39/02;12,22,28/03
14933	24	33*,37/02	16701	19	37/03*	17546	22	42,43,47/02;24,34,35/03	18502	84	30*,32,39,42,49/02;9,21, 28,29/03
14934	27	17*,26/03	16702	11	37/03*	17548	28	16/03	18504	65	19*,35/03
14937	24	52/02*;2,17/03	16705	19	49/02;16/03	17549	6	47/02;15/03	18520	24	33,39/02;2,22/03
14942	25	35/02	16707	10	34,37/02;16,20/03	17550	4	42,43,P44,45,47,48, 52/02	18521	69	34*,39,49/02;4,10,12,21, 22,24,29/03
14963	20	51/02	16708	25	37,49/02;16,20/03	18000	8	45/02;6,10,21,36/03	18523	53	33/02;4,12/03
14965	21	11/03*	16709	22	49/02	18002	6	N45/02;N2,N6,N10,N21, N36/03	18524	33	28,31,33/02;4,6,10,24, 29/03
14966	25	14*,21/03	16712	1	16/03	18003	19	22*,41/03	18525	33	28,31,33/02;4,9,29/03
14967	22	5/03	16713	2	49/02	18005	4	N34/02;N6,N10,N13, N21,N26,N40/03	18526	55	28,31,33/02;4,18,29/03
14970	25	40,46,51/02	16741	9	46/02	18006	3	N03/03	18527	21	31/02
14973	27	15/03*	16760	10	51/02;28/03	18007	31	33,34,37,38,39,40,47, 52/02;18,22,24,26,35, 41/03	18528	10	52/02*;18/03
14974	24	32/02	16761	16	28/03	18008	7	N33,N34,N37,N38,N39, N40,N47,N52/02;N18, N22,N24,N26,N35,N37, N41/03	18529	10	52/02*
14975	33	52/02*	17003	4	47,52/02;24,35,36/03	18009	2	N34/02;N6,N13,N26, N40/03	18531	20	31,34/02;9,10/03
14985	9	41/03*	17005	10	41,45,47,52/02;24,34, 35/03	18010	20	33,34,37,38,39,40/02;6, 13,26,33,40/03	18532	20	10/03
14988	10	41/03*	17008	12	43/02;36/03	18020	36	34,37,45/02;6,10,13,21, 26,36,40/03	18548	5	8/03*
14995	11	52/02*	17300	30	52/02*;21,39/03	18022	33	34,37,45/02;6,10,13,21, 25,33,35,36,40/03	18558	37	39/02
15043	3	34/03	17302	18	51/02	18040	44	41/03*	18561	11	33,39/02;10/03
15044	3	34/03	17303	9	37/02	18041	12	34/03	18580	21	33,38,39/02
15066	5	32/03	17315	23	2*,16,21,25/03	18043	21	6,20/03	18581	17	49/02*,4,36/03
15313	1	15/03	17316	20	28/02*;3,25/03	18045	12	43/02;16/03	18583	38	31,33,42,49/02;12/03
15562		N41/02;N16/03	17318	5	39/03	18046	5	16/03	18584	47	30,39,49/02;4,6,30/03
15569		N23/03	17320	15	13,29,34,39/03	18049	8	41/03	18587	68	30,33,39,42/02;4,6,9,10, 21,27,36/03
15570		N23/03	17323	10	13,22,29,39/03	18400	44	41/03*	18588	37	22*,36/03
15585		N14/03	17324	13	39/03	18401	12	34/03	18600	14	33,37,38,40/02
15690		N35/03	17325	7	29/03	18403	21	6,20/03	18601	13	10/03
15744		N30/02	17327	20	5/03	18405	12	43/02;16/03	18602	12	26/03*
15880		N41/02	17360	33	31*,36/03	18406	5	16/03	18603	16	9*,10/03
15954		N47/02*	17382	15	20*,36/03	18409	8	41/03	18620	23	35/02*
16003	16	13,36/03	17383	1	31*,49/02;8/03	18411		N16,N20/03	18622	52	28,49/02;21,25,27,35/03
16004	11	13,17/03	17384	7	44/02	18412	10	20/03	18623	11	34/02
16005	9	36/03	17385	14	14/03*	18413	15	20,22/03	18626	15	37/02;10/03
16006	33	6,32,35,36/03	17400	16	36/02;10,12/03	18414	9	20/03	18640	24	26,38/03
16011	35	38/02;8,29,31,32,35/03	17401	10	1,36/03	18415	8	42/02;7,22,32,39/03	18643	17	26*,33,41/03
16012	21	38/02;34/03	17402	10	46/02*	18416	6	P44,48/02;22/03	18645	24	50/02;33,33,38/03
16013	28	29,52/02;21,29,32,34,35, 41/03	17405	14	12,25/03	18418	6	15/03	18647	15	2/03*
16016	19	34/03	17406	6	25/03	18419	11	47/02;12/03	18649	62	33,36,38,41/02;4,6,21,26, 33,38/03
16042	7	39/02*	17409	10	39/02*	18420	1	22/03	18650	51	28*,33,38,41/02;4,21,26, 33/03
16061	8	37,49/02;13,17/03	17413	2	43,50/02;10/03	18421	45	2*,18,20,22,32,36,37, 39/03	18651	42	15/03*
16200	13	36/03	17414	3	41/02	18423	33	1*,5,7,9,15,18,30,32,34, 36,38,39/03	18652	32	36*,40/03
16220	5	36/03	17416	3	10,14/03	18424	25	7/03	18653	9	36,38,41/02;4,6,21/03
16300	8	52/02;3,8/03	17420	26	36,37,42,43,50/02;1,10, 12,14,20,36/03	18425	9	3*,22/03	18654	42	28*,38,49/02;12,16, 35/03
16305	9	8/03	17422	8	52/02*	18427	21	35/02*,7,19/03	18655	58	49/02;12,16/03
16322	7	8/03	17426	13	37/02;1,16,20/03	18429	9	3*,22/03	18656	53	19*,21,33,40/03
16363	12	38/02*	17427	7	21,36/03	18430	7	28/02*,6,7,22/03	18657	18	30/02;4,21,40/03
16381	8	8,25/03	17428	7	5,36/03	18431	6	2/03*	18658	29	4,21,33,40/03
16440	13	37/02	17429	2	N38/02*	18432	5	14/03*	18659	14	30,49/02;7,16,21/03
16441	7	37/02	17430	10	5,36/03	18433	5	2*,22,32,36/03	18660	2	29/03*
16442	7	41/03*	17434	11	5,36/03	18434	4	P44,48/02;6,9/03	18661	27	15*,16/03
16480	10	38/02;34/03	17443	12	10/03	18436	20	3*,15,18,22,28,30,32,34, 38/03	18662	20	30/02;7/03
16500	9	9,33/03	17445	2	10,14,36/03	18441	43	39/03*	18663	5	14/03*
16520	21	2,31,33/03	17446	N10/03		18443	15	39/02;6,34/03	18666	1	21,33/03
16528	16	9,33/03	17447	8	21/03	18444	15	39/02;34/03	18680	30	6,13,33,35,38,40/03
16529	14	50/02;9,33/03	17448	12	50/02;10,14,15,21,36/03	18445	29	28,32,33,39/02;6,7,9,10, 15,18,22,25,28,34,36, 38/03	18685	32	36/03*
16530	6	50/02;33/03	17449	7	10,15/03	18446	15	6,7,9,18,19/03	18687	13	8/03*
16535	12	2,21,31/03	17443	12	10/03	18447	26	52/02;6,7,10,18/03	18700	22	40/03*
16549	15	41/03*	17444	2	10,14,36/03	18448	32	33/02;10,15,22,34,36/03	18704	12	37/02
16553	3	17/03	17446	N10/03		18449	17	7,34/03	18720	31	35/02;4,6,10,12,25/03
16556	4	8/03*	17460	N5,N36/03		18450	17	9/03*	18721	11	35/02;6,10,39/03
16561	1	29,35/03	17465	4	6,12/03				18723	3	6/03
16566	10	29/03	17470	N23,N41/03							
16568	12	39/02*	17471	N6/03							
16575	1	39/02	17472	4	5,14,36,41/03						
16576	3	42/02;6/03	17470	4	43/02;5,10,36/03						
16580	11	39/02	17482	N7,N14,N41/03							
16590	10	38/02*	17483	N41/03							

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 41/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
18724	1	22*,25/03	21182	34	39/02	22305	2	18,24,30,34/03	24052	15	31,37,38/02;14,19,21,30/03
18725	27	32/03*	21200	1	2/03	22311	19	8/03	24053	16	19/03
18740	39	34,37,45,50/02;5,6,12,25, 27,35,41/03	21301	13	3,12/03	22312	2	13,30/03	24055	6	37,49/02;14,19,21/03
18741	18	N45,N50/02;N12,N27, N38/03	21342	28	41,44/02	22313	2	44/02;8,18,38,40/03	24057	4	31,38,49/02;20,30,33/03
18744	30	37/02,35/03	21384	3	6/03	22314	1	44/02;40/03	24058	2	31,32,37,38/02;19,22,28, 29,30/03
18746	34	34/02;5,13,41/03	21401	20	7/03	22322	11	33/03**	24060	2	34/02;17,32/03
18749	38	40/02;5,6,16,21,26,28,31, 39,41/03	21441	27	34,44/02	22331	2	N10,N19,N24/03	24080	5	29/02;17/03
18751	42	40/02;5,6,16,21,26,28,31, 39/03	21478	3	9,16/03	22335	4	19/03	24091	6	6,21/03
18754	17	39/03*	21482	1	36/03	22341	9	43/02;11,21,29/03	24092	14	6/03
18757	10	13,41/03	21510	1	9,16/03	22342	9	21,29/03	24100	5	29/02
18758	6	35/02*:16,33/03	21520	1	29/03	22343	1	N43/02;N10,N11,N21, N41/03	24101	3	37,41/02
18760	6	N34,N35,N45,N50/02; N6,N25,N35,N36/03	21521	14	29/03	22344	6	N23/03*	24102	3	37,41/02
18765	15	45,50/02;12,27/03	21525	19	38/03	22345	11	42/02;24/03	24110	3	29/02;35/03
18766	7	45,50/02;12,27,36/03	21563	3	45/02	22347	6	N23/03*	24130	14	29/02;5/03
18768	4	N45,N50/02;N12,N27, N36,N38/03	21581	5	41/03	22351	1	N43/02;N12,N35,N41/03	24133	6	31/03
18772	47	21/03*	21584	2	41/03	22352	6	12,19,24,35/03	24140	18	32/02;41/03
18773	39	40*,41/03	21601	4	31/03	22360	2	19/03	24141	4	5/03
18774	10	35/02*:10,16/03	21602	1	28/02	22361	2	N10,N30,N32,N33, N34/03	24142	43	5,6/03
19002	9	N37,N51/02;N16,N23, N29/03	21603	9	5,31,36/03	22370	2	15,19,26,30,33,34/03	24149	1	32/02
19004	36	35,37,51/02;23,29,30/03	21605	7	31/03	22371	5	30,32,33/03	24150	27	29,30,32/02;41/03
19007	16	51/02;16,23,29,30/03	21661	12	6/03	22373	1	N50/02;N10,N24,N30, N32,N33,N34/03	24151	4	29,32/02;41/03
19008	4	16,23,29/03	22004	38	30,32,34,36,39,41,43, 52/02;6,14,17,29,32, 38/03	22375	1	N10,N15,N26,N37/03	24152	2	30/02;41/03
19009	4	16,23,29/03	22008	35	30,34,36,39,41,43,44,48, 52/02;6,14,17,29,32,	22377	1	N10,N13/03	24153	6	30/02;39/03
19010	17	45*,51/02;23,29/03	22032	20	19,40/03	22379	1	N50/02;N10,N30,N32/03	24160	21	28/02
19013	16	51/02;29,30/03	22036	28	47/02	22381	1	N43/02	24161	11	42/02;7,28,32,39,40/03
19019	9	28/03*	22050	4	12,26/03	22395	2	42/02;15,19,22,26,30/03	24162	9	42/02;6,7,28,32,39,40/03
19320	16	35,37,51/02;5,16,23/03	22051	18	28/02	22401	4	N23*,N30/03	24164	6	39,41/03
19324	22	35/02;5,23/03	22052	6	28,46/02;25,34/03	22403	1	N45/02	24170	14	5,6,35/03
19327	10	23/03	22080	3	32/02	22404	15	46/02	24171	19	5,6,37/03
19330	9	27/03	22082	4	13,25,38/03	22406	1	N1/03	24172	4	5,6/03
19331	7	23/03	22084	4	42/02;35,37/03	22407	1	N4,N11,N18,N30/03	24180	15	8,40/03
19339	1	N35,N49,N51/02;N5, N13,N30/03	22090	2	30,32,43,02;4,17/03	22408	1	N10,N21/03	24202	6	31,35/03
19340	26	35,49,51/02;5,13,29,30, 36/03	22111	4	32/02;17/03	22409	4	N45/02;N10,N17,N22/03	24220	14	28/02;39/03
19347	17	29/03	22112	3	30,32,43,02;17,37/03	22410	32	43,44,46/02;19,23,40/03	24222	3	39/03
19348	7	29/03	22113	8	30/02;12,17/03	22411	3	N45/02;N22/03	24223	33	39/03
19353	12	27/03	22114	5	32,42,43/02;17,33,37/03	22417	1	N10,N25/03	24230	20	30/02
19357	22	42*,49,51/02;5,13,30, 36/03	22115	3	37/03	22418	2	36,44,46/02;19/03	24233	15	36,43/02
19358	20	28/02*	22116	3	29,32/03	22420	2	4,11,15,19,30,40/03	24234	3	30/02;35/03
19359	10	12,16/03	22117	9	30,34,36,44,52/02;29, 32/03	22421	4	N43,N44,N46,N50/02; N11,N23,N25,N26, N40/03	24240	5	30,39/02;7,39/03
19360	1	N37,N51/02	22124	2	34,52/02;6,29,32/03	22429	1	N46/02;N10,N14,N17, N19,N27/03	24250	5	30,39/02;7,39/03
19361	7	30/03	22125	1	36/02	22424	3	N11,N25,N27/03	24251	23	34,43/02;6,39/03
19362	12	49/02	22126	1	36/02	22425	2	44,46/02	24252	5	30,39,43/02;6,39/03
19366	36	31,49/02;5/03	22130	2	44/02;14,17,29,32,38/03	22430	6	19/03	24260	5	34/02
19367	37	31,49/02;10/03	22138	2	41,44,48/02;6/03	22433	3	39,47/02;11,14,35/03	24270	3	17,29/03
19369	5	31,49/02;10,36/03	22140	2	30,34,36,44/02;25/03	22434	2	35/03	24271	14	17,29/03
19379	1	N51/02;N5,N13,N30/03	22142	2	39,41,43/02;25,40/03	22436	2	39/02;10,14/03	24274	2	17,29/03
19380	14	51/02;5,13,30/03	22143	4	26*,29/03	22440	1	19/03	24290	3	36,43/02
19381	8	49,51/02;26/03	22145	2	N41/02;N25/03	22441	31	44/02;19/03	24291	4	36/02
19382	15	26/03	22160	2	30,34,39,41,48,52/02; 25/03	22448	16	44,50/02;23/03	24292	4	36/02
19383	17	49/02;5/03	22170	3	30,39/02;6/03	22492	3	34/03	24293	6	32,36/02;37/03
19401	8	10/03*	22172	8	48/02*:4,6,29/03	22521	3	12,17,34/03	24294	22	36/02;37/03
19402	6	9/03*	22173	36	48/02*:6,17,29/03	22523	3	12,17,34/03	24320	4	28,34,43/02;6,17/03
19421	7	8/03*	22180	2	30,34/02;32/03	22529	3	12,17,35/03	24321	3	6/03
19441	7	28/03*	22181	16	39,41/02;29/03	22531	2	12,17,35/03	24322	6	28,34/02;6,17/03
19442	5	14*,26/03	22182	6	30,34/02;14,29/03	22531	2	12,17,35/03	24350	2	31,51/02;18/03
19461	7	10/03*	22183	3	32/03	23010	4	38/02	24355	2	51/02;25,37/03
19483	6	11/03*	22190	2	30/02;29/03	23020	4	22/03	24360	1	25/03
21005	5	45/02;2,03	22205	2	12,18/03	23030	6	38/02;21,22,37/03	24370	1	34/02
21008	62	39,42,43,50/02;1,2,36/03	22207	2	12,18/03	23121	7	30/02;17,20/03	24375	2	34/02;38/03
21011	5	2/03	22221	20	12,31,34/03	23122	8	30,33/02	24376	1	38/03
21014	72	42,50,52/02;2,3,4/03	22222	1	4,12,31/03	23123	3	30/02	24379	2	35/02
21017	50	41,50/02;4,5,6,9/03	22225	2	12,18,40/03	23124	3	N30/02;N17,N20/03	24380	2	35/02
21020	42	41/02;5,6,7/03	22233	29	13,18,25,37/03	23131	7	31/02;12,22/03	24388	2	35/02
21021	3	45/02;13/03	22250	2	42/02;12,18/03	23141	7	34/02;22,37/03	24404	8	35,44,48/02
21023	41	34/02;7,8,9/03	22251	11	12,28/03	23142	10	8,37/03	24405	10	35,36,44,48/02
21033	46	32/02;1,16/03	22259	4	20,24/03	23145	3	37/03	24406	30	2/03
21036	7	1,16/03	22263	1	26,37/03	23150	10	37,52/02	24408	21	36,44,48/02
21120	27	47,50,51,52/02	22264	2	42/02;13,18,20,24,26,37, 41/03	23151	3	12/03	24410	2	44/02
21121	18	47/02	22275	3	42/02;12,18,26/03	23152	3	37/02;12/03	24443	4	39/02;12,15,25,26,38/03
21122	5	47/02	22281	9	12,18/03	23153	8	31/02;12,13/03	24445	3	26/03
21125	13	51,52/02;36/03	22282	17	12/03	24000	39	29/02	24453	5	26/03
21126	1	45/02	22283	3	N12/03	24004	36	29,30/02;41/03	24454	5	5,26/03
21140	1	45,50/02;12,27,36/03	22284	7	N10,N38/03	24016	53	30,39/02	24460	4	39,47/02;15,29,32/03
21141	23	48/02	22290	4	18,30/03	24024	46	18,25/03	24461	4	16,38/03
21160	1	45/02	22292	15	18,26,37,38/03	24028	6	48/02	24462	5	47/02;16,29/03
21161	19	43,48/02	22293	15	18,26,37,38/03	24050	11	31,34,38,49/02;20,31,32, 33/03	24463	6	39/02;12,15,25,26,38/03
21180	1	2,7/03	22294	15	12/03	24480	1	41,44,45,49/02;24,27/03	24465	6	33,47/02;38/03
						24055	6	37,49/02;17/03	24466	1	46,47/02;13/03
						24057	4	31,38,49/02;20,30,33/03	24467	4	28,39,47/02
						24058	2				

SECTION I

NM 41/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 41/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
24490	3	31/02;25,27/03	26245	16	51/02;15/03	35082	7	22,27/03	37005	16	41,45,47/02;5,12,13,15, 23,28,29,30/03
24491	3	31/02;27/03	26259	2	51/02	35083	8	20/03	37010	23	41,45,47/02;10,12,13,15, 19,23,27,28,29,30/03
24492	20	31,46/02	26261	27	8/03	35084	15	50/02	37025	26	38,51/02;1,24,25,27,31, 33,34,36,38,41/03
24501	3	27/03	26262	3	8/03	35086	5	31/02;22/03	37032	2	1,6,25,31,38/03
24502	6	46/02;27,34/03	26282	6	22,23,34/03	35088	2	50/02	37033	2	47/02;33/03
24504	7	41,45,46/02	26290	1	21/03**	35100	14	40,45/02;5,30/03	37034	2	8,14,33,41/03
24508	3	22/03*	26295	1	21*,22,34/03	35101	6	41/02	37041	15	50/02
24509	2	45,50/02;15,25,34/03	26300	7	21/03*	35103	5	41/02	37042	5	41,45/02
24510	2	41,45,46,50/02	26308	5	21*,22,23,34/03	35120	13	40,45,47/02;5,30/03	37043	17	43/02
24511	2	24/03	26309	26	11/03	35130	3	48,51/02;5/03	37044	16	45/02
24512	3	29,44,46/02;24,25,38/03	26312	2	21/03	35135	1	5/03	37045	11	45/02
24513	18	46/02;38/03	26316	3	21/03	35136	2	48,51/02	37046	18	31,43/02
24517	2	46,49/02;25,40/03	26320	5	28,29,35/02;7,12,22,23,	35141	11	34/02	37050	9	42,46/02;10,12,17/03
25001	7	15/03	26323	4	1/03	35144	3	11/03	37060	3	31,46,50/02;9,13,18/03
25017	5	15,25,31,34,39/03	26327	2	N41/02*N17/03	35150	3	48/02	37061	15	36,38/02;5/03
25018	9	15,25,31,34,39/03	27005	4	6,8,9,22,23,34/03	35155	3	25/03	37063	21	28,36,50/02
25400	1	35,48/02	27040	5	9/03	35163	7	44/02	37075	3	31/02;5,18/03
25480	1	42,46/02	27041	4	50/02	35166	4	35/02	37080	3	30,33,34,38,40,42,44,45, 46,51/02;1,4,7,9,14,15,
25485	45	36/03	27042	21	41/03	35167	3	35/02			18,20,21,22/03
25487	2	36/03	27060	2	22,23,34/03	35169	2	35/02	37081	23	28,38,43,50/02
25524	43	33/02;1,5,20,24,26,32/03	27080	4	15,22,39/03	35200	7	48,51/02;5,25/03	37082	9	28,44,50/02;11/03
25525	17	1,5,26/03	27081	6	49/02	35210	3	29/02	37084	9	38,40,43/02
25526	2	33/02;24,32/03	27082	6	49,51/02	35230	3	29/02	37085	8	38,40/02
25527	31	33/02;24,32/03	27083	39	28/03	35236	2	38,50/02	37086	8	38,50/02;4/03
25528	5	42/02	27084	4	13/03	35246	2	38,43/02	37087	7	38,40/02
25550	2	21/03	27100	2	31/02;8,21/03	35247	4	50/02	37088	9	5/03
25563	50	33/02;14,18,21/03	27102	11	28/03	35255	3	50/02;14/03	37089	12	28/02;4,13/03
25565	7	33/02	27120	4	41,43,44/02	35256	2	14/03	37090	8	32,45,51/02;1,7,9,14,16, 22/03
25566	27	18,30/03	27142	5	9/03	35270	2	38,46/02	37095	3	28,32/02;1,7,9,11,14,15, 16,20,22,32,39/03
25567	16	21/03	27160	2	8,13,35/03	35276	3	46/02	37103	9	29/02
25570	3	31/02;16/03	27161	4	8,13/03	35277	3	38,46/02	37104	3	41/02
25575	4	31/02;35,39/03	27163	21	49/02;8/03	35279	3	38/02	37106	4	32/03
25600	47	25,27/03	27183	8	1,9/03	35299	9	13/03	37110	11	28,29,47/02;20,25,31,32, 39/03
25607	4	39/02	27186	8	1,9/03	35301	6	17/03	37112	1	47/02
25608	21	16,26,34,38/03	28004	1	45/02;8,9,22/03	35302	7	17/03	37115	2	28,29,33,47/02;7,25,31, 32,39/03
25609	5	30/02	28006	1	8/03	35303	7	40/02;17/03	37119	2	43/02
25613	2	30/02;25,27/03	28050	3	28,34/02;26/03	35308	5	10/03	37120	2	29,39,42,49,51/02;4,6,21, 23,24,25,26,27,30,32, 39/03
25640	40	28/02*;15,25,31,34, 39/03	28084	4	17/03**	35330	2	38,41/02	37121	11	29,31/02;25/03
25641	26	30/02	28150	3	8/03	35350	2	38,41/02	37122	12	48/02;19,31/03
25644	13	20/03*	28154	2	38/03	35400	11	30/02	37123	9	49/02;6,20/03
25646	7	N42/02	28162	29	28/02	35402	3	38/02	37125	15	42,49/02;6,9,20/03
25649	18	30,35/02;4,31/03	28164	17	28/02	35420	13	30/02	37126	8	41/02
25650	33	30/02;25,30,31,39/03	28190	2	41,43,45,46/02;18/03	35421	14	31/02	37127	11	49/02;4,6,20/03
25653	13	8/03*	28196	4	41,43,45/02;18/03	35423	6	31/02	37129	6	39,42,49/02;4,6,20,23,24, 30/03
25659	9	20/03*	28197	4	45/02;18/03	36005	2	28,34,36,38,45,46/02; P12,14,17,24,25,27, 31/03	37131	4	44/02
25663	27	17,30,39/03	28202	22	41,44/02	36010	27	38/02;5,15,16,20,23/03	37132	5	38/02
25664	15	17,30,39/03	28210	2	33,35,39,41/02	36015	2	36,46/02;27/03	37136	6	38,46,50,51/02;30/03
25666	17	17/03	28220	2	35,39/02	36040	16	30/02;1,15/03	37137	6	46,48/02;30/03
25667	20	15/03	28221	18	33,37,39/02;5/03	36060	17	31,38/02;5,8,20,21/03	37139	8	1/03
25668	18	48/02;13,34/03	28223	4	35,39/02	36061	5	46/02;20/03	37140	33	29,31,35,49,51/02;4,6,16, 24,25,30,32/03
25670	41	38,48,49/02;4,5,13,20/03	28260	30	35,37/02	36062	11	40*/46/02	37141	29	36,40,48,51/02;1,4,12,17, 19,24,27,31/03
25671	18	21/03*	28263	3	35,37/02	36098	6	5/03	37145	23	46,50/02;4/03
25673	15	28,42/02	28264	3	35,37/02	36102	6	13/03	37147	15	35,36,40/02;1,10,12,16, 17,19,25/03
25675	9	20/03*	28265	3	37/02	36125	7	4,30/03	37148	13	35,38/02;4,10,11,27/03
25677	20	32*,39/03	28281	32	36/02	36137	4	38/02	37149	10	44/02
25679	10	20/03*	28282	2	35/02	36138	3	39/02;4/03	37150	8	31/02;14,19,26,27,32,33, 35,37,39,41/03
25681	16	28*,34,39/03	28300	1	39,50/02	36139	4	4/03	37161	14	31,34,43/02;1,14,19,24, 41/03
25683	18	32*,34,39/03	28302	16	31,33,39,40/02;12/03	36140	12	36,41/02;4,10,27/03	37162	12	21,26,27,30,32,33,35,37, 39,40,41/03
25685	9	22/03*	28310	2	31,33,35,39/02	36141	7	4/03	37163	19	32/03
25687	12	30/03*	28320	6	33/02	36143	4	34/02;5,30/03	37164	4	23,26,27,30,32,33,35,37/03
25700	3	15/03	28321	36	29/02	36161	10	34,44,45,47,50/02;4,10, 18/03	37165	2	34,36/02;10,12,13,15,21, 23,26,27,28,30,32,34,35, 37,39/03
25720	3	33/02	28323	2	29/02	36164	7	34,38,44,46,46/02;8,15/03	37166	2	14,19,21,26,27,30,32,33, 34,35,37,39,40,41/03
25800	3	36/02	28325	2	29/02;5/03	36165	6	28,36,44,46/02;10,27,30/03	37167	11	38/02;14,19/03
25841	9	36/02	29002	9	18,29/03	36167	2	40/02	37175	2	5,27,30/03
25848	25	5,13,15/03	29015	5	16/03	36173	1	4/02	37176	20	38/02;27,31,35/03
25849	13	42/02;12/03	29040	3	39/03	36180	23	36,40,50/02;4,27/03	37177	14	31,34,43/02;1,14,19,24, 41/03
26001	4	9/03	29107	2	29,36/03	36181	18	36,40,50/02;4/03	37178	9	48,51/02;10,24,04/03
26050	1	34/02;26/03	29121	5	32/02	36182	6	36,40/02;27/03	37179	14	35,47,48/02;1,14,19,24, 41/03
26060	1	49/02	29122	5	32/02	37000	22	28,47,48/02;14,23/03	37180	11	38/02;14,19/03
26068	11	18/03	29127	4	29,39/03	37001	15	22,27/03	37181	9	48,51/02;10,24/03
26081	8	46/02;16/03	29141	3	29,39/03						
26083	14	29/02	29142	3	7/03						
26100	4	31/03	35000	26	47,48/02;14/03						
26122	30	22/03*	35008	21	45,48,50/02;5,25,27/03						
26125	3	41/03	35009	19	40,41,45/02;5,10,14/03						
26127	21	49/02;5/03	35011	2	48/02;1,25/03						
26128	50	49/02;5/03	35016	17	29/02						
26129	11	41/03	35036	21	30,36/02;10,15,27/03						
26142	10	33/02	35040	18	45/02;4,8,10,14,21/03						
26210	2	36/02	35041	8	35/02;4/03						
26218	2	31/03	35042	9	44/02;4,14/03						
26219	5	31/03	35044	9	38/02						
26229	11	31/03	35047	5	35/02						
26230	12	31/03	35060								

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 41/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
37184	8	48/02;5/03	42560	5	31,38,40/03	44015	8	28,31,48,49/02;6,7,8,9, 10,11,13,14,24,26,40/03	44205	2	48,52/02;2,5,7,12,15,19, 22,26,27,29,31,39/03
37200	15	28,30,35/03	42580	5	40/03	44030	7	46/02;4,8,9,13,19/03	44206	1	46/02;4,5,13,16,17,19,24, 28,40/03
37202	2	22,27/03	42600	5	14,30,40/03	44036	5	28/02;13,16,17,20,23,28, 30,32/03	44207	1	4,5,17,19,23,28,40,41/03
37205	2	39/02;22,24,30,40/03	42620	5	14,38/03	44037	5	16,22/03	44220	5	46/02;4,5,13,16,21,40/03
37221	13	28,34,36/02;6,10,11,12, 13,14,15,21,23,29,30, 32/03	42640	6	38,40/03	44040	23	28,44/02;6,10,13,16,17, 20,22,23,24,28,30,32/03	44221	1	19,21/03
37222	13	28/02;21,22,30/03	42740	5	6,8,30/03	44041	7	48/02;1,9,10,13,16,20,23, 28/03	44223	1	6,13,21,24/03
37223	14	42/02;21,26,27,30,32,34, 35,39/03	42760	5	8,19,24,25/03	44042	7	44,45,49/02;4,7,9,10,11, 17,19,20,25,27,28,29, 32/03	44224	1	49/02;5,20,21,24/03
37224	11	22,23,30,37/03	42762	3	N25,N30/03	44043	8	44/02;1,6,9,10,11,13, 16/03	44240	8	49,50/02;4,7,13,14,15,16, 19,21,25,39/03
37226	17	28,30,39/02;8,9,12,14,17, 21,23/03	43000	4	9/03	44044	6	6,10,13,16/03	44243	2	5/03
37228	14	8,14,23,27,29,30/03	43015	12	9/03	44045	6	22/03	44260	7	29/02;2,5,6,13,21/03
37229	15	8/03	43030	24	28/02;2,9,10,11,12,13,15, 17,22,27,28,30,32/03	44046	10	22,24/03	44280	9	29,34,49,50/02;2,6,12,15, 19,22,34/03
37230	14	39/02;28/03	43040	6	38/03	44047	22	44/02;10,12,22,24,30,31, 32,40/03	44281	2	49/02;12,15,19,21,22, 27/03
37231	18	28,30/02;6,10,12,14/03	43058	3	20/03	44048	11	5,12,18,22,25,27,31, 40/03	44282	1	49,50/02;13,17,19,21, 26/03
37232	12	29,31/03	43059	3	44/02;20/03	44049	9	44,46,50/02;8,14,22,24, 30,31,40/03	44283	2	50/02;8,21/03
37234	13	7,8,31/03	43060	4	44/02;27/03	44050	21	20,31,32/03	44284	2	41/02;6/03
37235	11	17/03	43079	2	41/02	44051	1	44,48,50/02;1,11,14,22, 25,26,27/03	44285	1	2,15,40/03
37238	6	17,21,30,33,37,40,41/03	43082	5	41/02	44057	5	29,30/03	44286	1	2,27,40/03
37241	17	26,27,30,32,33,35,37, 39/03	43101	3	46/02	44061	21	24,32/03	44310	5	29,41,42/02;7,37/03
37242	10	26,30,32,35,39/03	43104	4	46/02	44062	8	28,40/03	44313	1	41,47/02;36,37,39,40/03
37243	7	27,30,32,37/03	43106	6	44/02	44063	8	17/03	44319	2	41,42/02;4,6,9,10,P20, 26,27,28/03
37244	11	23,26,27,28,30,32,33,35, 37,39/03	43127	5	20/03	44064	19	22,28/03	44320	4	29/02;6,8,9,15,P20,25, 26,37/03
37246	14	21,24,27,30,32,33,35,39, 40/03	43140	4	41,48,52/02;12,35,38/03	44065	7	30,42/02;16,17/03	44321	6	29,32,40/02;6,8/03
37248	18	39/02;21,23,24,26,27,30, 32,35,40,41/03	43142	4	52/02;12/03	44066	10	39/02;31/03	44340	11	37/02;4,6,8,9,15,17,P20, 26,33,37/03
37258	4	1,11,22/03	43144	4	6,12/03	44067	22	29/02;16,17,28/03	44341	7	37,41/02;7,9,P20,26/03
37261	10	28/02;1,7,11,20,22/03	43145	4	12/03	44068	11	44/10;2,11,13,40/03	44342	8	37,41/02;6/03
37262	20	1,11/03	43146	2	48/02;34,35/03	44069	16	29,31/02;11,13,17,22,23, 40/03	44352	2	4,6,7,8,12,15,17,19/03
37264	3	30/02;1,15,22/03	43150	2	N34,N35,N38,N41/03	44070	7	28/03	44360	9	34,37,41,42/02;4,9,10,20, 27,28,30,31,32,37,39/03
37265	3	1,7,17,32/03	43160	6	34,35,36,38,41/03	44071	4	29/03	44361	6	4,10,15,21,26,27,28, 35/03
37281	15	30/02;1,15,22/03	43161	2	41,44/02;35,41/03	44072	4	40/03	44365	1	7,8,26,27/03
37320	16	28,38,44/02;9,10,11,P12, 15,17,21,24,36,38/03	43162	3	41/03	44073	4	29,31,42/02;13,23,40/03	44366	1	34,41/02
37325	8	34,39,47/02;15,18/03	43163	3	44/02;41/03	44076	3	22,28,30,32/03	44367	2	29,35,37,40/02;6,39/03
37326	2	34,47,51/02;15,18,21, 36/03	43164	3	48/02;6,34/03	44081	9	39/02;9,13/03	44400	4	48/02;4,6,7,8,9,12,15,17, 19,23,24,25,27,34,41/03
37328	2	42,44/02;11,15,21,24/03	43182	4	47,52/02	44082	11	9,33/03	44401	7	10,12,19,24,41/03
37330	2	30,32,34,38,40,46/02;9, 13,14/03	43204	4	36/03	44083	8	9,11,24,25,26/03	44410	4	4,6,11,12,13,14,15,23,24, 26,27,41/03
37342	3	32/02;2,11,15,21/03	43223	4	50,51/02	44084	1	6,11,26/03	44420	6	36,49/02;8,9,10,11,12,14, 17,22,25,27,40/03
37343	10	45/02	43242	4	52/02	44100	7	44/02;2,9,11,12,13,22,31, 40,41/03	44430	2	28/02;6,10,11,14,19,24, 25,40/03
37344	11	32,34/02;21,38/03	43243	4	50,51/02	44105	2	49/02;5,6,8,24,26,27, 41/03	44444	6	31/02;9,12,30,34,35,36, 38,41/03
37360	15	28,30,32,34,43/02;2,9,10, 11,15,17,21,24,31,36,38, 39/03	43248	3	9/03	44120	7	28,29,31/02;2,9,10,15,19, 20,22,23,24,27,33,39,40, 41/03	44461	10	28/02;6,10,24,25,26,28, 31,36/03
37362	6	31,43,48,51/02;1,2,4,17, 22,32,33,38,39/03	43265	2	44,52/02;37,40/03	44140	8	28,29,31,50/02;1,6,19,21, 23,24,26,31,40/03	44462	4	27,39/03
37363	8	48/02;4,17,32/03	43280	5	44/02;37,40/03	44160	7	46/02;1,4,5,6,11,13,14, 15,20,26,31,41/03	44463	9	24/03
37367	1	38,49/02	43281	6	27,37/03	44161	2	49/02;1,5,6,11,20,21,35, 39,41/03	44465	2	28/02;6,25/03
37380	2	34,40,42,43,44,48,51/02; 9,10,17,21,38,39,41/03	43283	6	27,37,40/03	44162	1	50/02;1,24/03	44481	2	28,31/02;24,26,31/03
37400	10	28,34,38,40,41,44,46/02; 6,10,20,31,34,36,41/03	43284	5	51/02/40/03	44163	1	48/02	51007	22	38/02;7,27,33,40/03
37401	9	28,32,44/02;4,6,13,14,16, 22,31,36/03	43285	5	44/02	44164	1	46,48/02;1,11,18,22/03	51013	4	38/02;7,21,33,36/03
37402	7	28,32,41,42,44,50/02;4, 13,14/03	43287	2	27,37/03	44165	1	46/02;1,5,6,11,20,22,24, 34,39/03	51017	31	37/02;24,40/03
37403	23	10,41/03	43304	2	44,47,50/02	44178	2	2,5,7,10,16,26,27/03	51022	11	37/02
37420	1	34,43/02;1,7,41/03	43321	6	30,41,47/02	44179	2	10,16,35,39/03	51061	14	1,7,15,17,19,21,22/03
37421	8	14,21,41/03	43323	4	30/02;27/03	44180	6	29,34,45,46/02;1,2,5,7,8, 9,20,26/03	51062	28	15,17,19,22/03
37423	5	14,21,41/03	43324	4	30/02;27/03	44181	5	10,13,20,21,27/03	51064	2	52/02;1,17/03
37443	2	38/03	43341	7	41/02;12/03	44182	4	48,49/02;1,2,15,18,27/03	51081	10	5,6,13,15,17,21,22/03
37445	1	48/02;1,34,38/03	43342	7	26/03	44183	6	48/02;1,6,8,9,10,19,20, 25,27,35,39/03	51082	7	5,7,13,15,17,21,22/03
37446	2	1,34/03	43344	3	39/03	44184	9	45,49/02;2,10,13,20,22, 32/03	51100	7	1,6,7,8,9,14,27,33,34, 41/03
37461	9	51/02;6,20,25,36/03	43345	4	1/03	44185	7	45,49/02;1,2,10,27,32/03	51103	10	29*,33,45/02
37463	6	1/03	43360	21	28/02;6,10,13,17,20,21, 28,30,32/03	44186	2	45,46,48/02;1,2,5,8,9,10, 15,16,25,27,29/03	51104	1	29*,33,45/02
37481	7	47,48/02;6,7,14,30/03	43375	7	46/02;6,7,10,12,16,18, 23/03	44187	2	5,6,9,13,15,27,39/03	51120	6	6/03
37501	3	46,47/02;7,8,20,33/03	43376	5	45/02	44188	9	45,49/02;2,10,13,20,22, 32/03	51135	1	22/03
37505	2	46/02;7,33,41/03	43364	5	45,46/02	44189	9	45,49/02;2,10,13,20,22, 32/03	51142	2	6,13,15,22,33,40/03
37506	4	45,46,47,51/02;8,20, 33/03	43371	13	38/03	44190	9	45,49/02;2,10,13,20,22, 32/03	51143	4	6,40/03
38320	3	35/03	43373	8	45/02;17,20,40/03	44191	9	45,49/02;2,10,13,20,22, 32/03	51144	3	52/02;1,15/03
38528	4	N20/03	43375	7	46/02;6,7,10,12,16,18, 23/03	44192	1	46,48/02;1,18,23, 39/03	51145	2	42/02;13,22/03
38580	8	18/03	43378	2	38/03	44193	1	4,7,15,18/03	51146	3	42,52/02;5,36/03
38585	4	18/03	43384	1	48/02;4,5,6,7,10,11,12, 13,15,16,17,18,23,25,26, 27,32/03	44200	9	29,34,52/02;4,9,12,13,22, 27,37/03	51150	1	50,51/02;1,13,15,22,33, 40/03
41000	2	15/03	43385	1	45,48/02;5,11,13,20,23, 24,26/03	44203	1	33,48/02;2,5,15,25/03	51154	3	50,51/02;13,15/03
41060	3	34/02	43386	2	48,49/02;1,6,7,8,9,11,13, 14,P20,23,26/03	44204	1	48,52/02;2,4,5,7,12,13, 14,27/03	51155	1	50,51/02;1,15,22/03
42003	1	N23/03**							51158	2	6/03
42004	1	N23/03*							51159	3	47/02;39/03
42160	3	7,38/03									

SECTION I

NM 41/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 41/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
51163	4	4/03	53058	2	4,37/03	54040	3	37/02;6,10,20/03	54421	6	28,47/02;36,41/03
51164	18	38,45,46,50/02;2,4,8/03	53060	14	28,30,32,51/02;4,5,9,10, 12,14,31,36,39/03	54041	7	35/02;4,8,16,17,24/03	54423	5	48/02*;17/03
51165	8	45,50/02;2,4,8,10,14,16, 39/03	53061	10	28,30,44,47/02;12,16,17, 38/03	54043	2	29/02;17/03	54430	1	28,37,43/02;36/03
51166	3	N45/02;N39/03	53062	13	1,14,16/03	54060	5	37/02;16/03	54440	4	30,41/02;17,38/03
51167	6	45,50/02;2,4,8,10,16/03	53063	9	33*,37/03	54061	11	52/02	54441	6	30,42/02;2/03
51168	2	45,46,50/02;2,4,8/03	53064	6	33/02;10,20,39/03	54063	3	1,13/03	54462	5	17/03
51180	5	13,16/03	53065	2	33/02;39/03	54081	3	10/03	54464	5	17/03
51200	4	14/03	53066	2	33/02;20,39/03	54085	2	40/02;15,24/03	54480	8	30,36,41/02;2,17,21/03
51220	8	33/02;18/03	53081	8	30/02;4,5,11,16/03	54090	3	46/02*;11,15,19/03	54481	8	30,36/02;33/03
51222	6	51/02;16/03	53082	13	40/02	54095	3	46/02*;8,15,30/03	55001	4	29,36,37,42/02;14,15,28, 29,33,35,36,39/03
51223	2	17,18/03	53083	8	9,10,21,22,41/03	54105	3	46/02*;8,13,17,19/03	55040	4	28,31,32,39,41/02;16,20, 21,35,36,39,41/03
51240	2	33/02	53084	6	51/02;14,16/03	54115	3	46/02*;15,30/03	55041	7	32/02;21/03
51260	4	37,50/02;16,18,28/03	53085	6	51/02;14,16/03	54120	5	37,39,41/02;15,17,19/03	55042	1	28,42/02;17,35,37/03
51261	23	5,6,13,15,19,40/03	53086	8	46,48/02;17/03	54125	3	46/02*;15,17,30/03	55043	2	28,37,39,42/02;37/03
51263	23	49/02;13,17/03	53087	9	48/02;17/03	54140	7	41/02;15,30/03	55044	5	41,43/02;16/03
51341	23	48/02;6,16,34/03	53088	7	33/02	54151	1	3/03	55045	2	41/02;39/03
51342	3	1/03	53089	4	21,22,23,41/03	54161	12	20,21/03	55046	4	30,31,37,38,39,41,48/02; 18,19,35,36,41/03
51344	2	5,7,16,18/03	53090	1	41/02	54165	2	33,37/02;38/03	55047	8	41/03
51380	5	47/02	53091	2	41/03	54166	3	10/03	55048	12	32,36,37,39,41,48/02; 20/03
51500	6	20/03	53093	16	28,33,39,42,51/02;6,10, 13,18,20,21,24,31/03	54169	3	37/02;10,17,38/03	55049	6	30,41,43/02
51540	3	22/03	53100	16	28,33,39,42,51/02;6,10, 13,18,20,21,24,31/03	54180	6	41,43,50/02;5,30/03	55050	7	36,37/02;28/03
51559	3	41/02	53101	7	33/02;8,13,16,24/03	54195	2	5/03	55051	1	28/03
51580	13	41/03	53104	2	35,42/02;20,24/03	54200	4	5,8/03	55052	5	28,33/03
51600	12	20,39/03	53105	20	37/02;8/03	54201	6	8/03	55053	1	6/03
51620	10	20,39/03	53106	6	21,33/03	54222	4	43/02;20/03	55054	3	37,48/02;6/03
51621	9	20/03	53107	16	35/02;6/03	54223	2	8/03	55055	9	5,25,32/03
51641	4	32,34,40/03	53110	1	29,40/02;10,15,17/03	54224	2	8/03	55056	7	39/02;39/03
52031	1	6,21/03	53111	3	31,44/02*	54226	2	5/02	55057	9	5,31,33,36,39/03
52039	4	5*,7,8,9,13,14,18,21/03	53112	14	28,39,42/02;5,6,7,13,17, 31,35/03	54227	2	5/02	55100	8	29,36,37/02;6,28,29,33, 34,39/03
52040	17	43,50/02;13,16,18,34/03	53122	3	29,40/02;7,8,16/03	54279	4	50/02*;2,15/03	55101	4	7,25,32,34,38,39/03
52042	6	22/03*	53123	3	7,29/03	54280	10	5,15,22/03	55102	3	4,5,15,25,32,36/03
52043	21	46/02;6,7/03	53125	2	46,51/02;13/03	54282	1	51/02	55103	2	29,48/02;1,4,5,7,15,19, 20,25,26,27,31,35,36, 38/03
52045	6	36/02	53130	1	42,47/02;10,13,18/03	54283	5	52/02	55104	2	48/02;4,5,7,14,19,31,33, 36/03
52046	21	50/02;6,7,16,18,21/03	53133	4	33/03*	54284	1	51/02;15,34/03	55105	7	29,36,41,42/02;14,15,29, 33,36/03
52047	11	7,8,34/03	53135	2	51/02;7/03	54287	7	5,15/03	55110	2	29,37/02;6,29/03
52048	3	8/03	53141	5	34,51,52/02	54288	5	1/03	55120	2	36/02;6,14,28,33,34/03
52051	1	43/02	53147	3	36,39,42,51/02;6,7,10,13, 17,20,35/03	54289	8	1/03	55127	2	10,14,24,27,32,36/03
52052	1	43/02	53149	2	31/02	54300	12	31/02	55128	2	26,27,28,32,34/03
52054	1	14/03	53150	14	51/02;3,6/03	54302	1	31/02;21/03	55129	7	33,36,37/02;6,15,27,34, 35/03
52055	1	14/03	53161	8	51/02;3,8,13,18/03	54318	3	1,14/03	55130	2	45/02;5,14,19,32,33,34, 39/03
52060	16	43,50,51/02;7,12,P20,26, 29,34/03	53162	7	50/02*;15/03	54320	4	48/02;1,24,25/03	55131	1	36,45/02;6,19,25,38, 39/03
52061	2	45,48,51/02;7,12,20,P20,	53164	9	37,51/02	54321	2	25/03	55133	3	5,14,34,36,38/03
52062	7	7,12,23,29,34/03	53165	13	39/02;8/03	54322	7	1/03	55139	5	41/02
52066	3	50/02;14,16/03	53168	5	32,35/02;1,6,13,18,20/03	54327	4	31/02	55140	2	1,5,14,29,33,34,35,36/03
52080	14	50,51/02;4,7,10,11,12,14, 20,P20,26/03	53171	6	33,36,43,51/02;1,3,6,7, 13,15,18,20,21,29/03	54332	3	25/03	55150	2	28,29,37/02;15,36/03
52082	3	45,46,48/02;11,12,20, P20,26/03	53181	4	34/02;1,13,21/03	54333	2	25/03	55160	2	28,29,42/02;29,41/03
52083	2	45,46,51/02;1,16/03	53182	4	36/02;15,16/03	54334	3	5/03	55161	1	29/02;17,41/03
52084	2	45/02;4,10,11,12,14, 18,18/03	53183	13	35/02;20/03	54335	3	24/03	55170	2	29,31,36,41/02
52085	3	50,51/02;4,11,16/03	53184	5	32,35/02;1,6,13,18,20/03	54337	3	31/02	55175	1	28/02
52086	2	45,50,51/02;1,4,9,11,14, 36/03	53186	6	33,36,43/02;5,6,7,15,16, 20,30/03	54340	8	48,51/02;3,4,24/03	55180	2	33/02;1,15,29,33,36, 39/03
52087	1	51/02	53201	6	51/02;18,21,38/03	54341	4	23/03	55190	2	6,20,27,39,40/03
52088	2	45/02;4,10,11,12,14,18, P20,26/03	53202	6	15,17/03	54343	10	48/02;4,5,11,12,13/03	55200	2	8,10,20,25,26,27,28,32, 33,36,39/03
52092	1	46,51/02;16/03	53203	11	5/03	54344	6	48/02;24/03	56031	1	1,2,17,21/03
52120	12	32,51/02;6,11,16,18/03	53206	6	5,25/03	54346	4	51/02;37/03	56041	4	21/03
52121	8	45,46/02;1,6,8,11,16, 23/03	53223	5	29/02	54351	7	52/02;26/03	56044	3	38/02
52122	14	45/02;11,14/03	53226	3	3*,17,18,35/03	54352	3	52/02;1,3,33,37/03	56050	9	27*,38/03
52124	1	51/02	53244	2	1/03	54360	12	52/02;20,21,34/03	56063	1	16/03
52125	1	45,46/02;8,11,16,18/03	53262	7	42/02;21/03	54362	3	52/02	56064	6	38/02;2,16/03
52140	6	48,50/02;3,12,18,29/03	53263	1	37/02;17/03	54363	3	21/03	56065	3	33,38/02;16,38/03
52141	5	48/02;41/03	53264	5	17/03	54364	2	52/02	56067	3	48/02*;20,38/03
52142	2	12,18,23,29/03	53265	6	35,41,46,52/02;15,16/03	54365	6	36/02;11,21/03	56081	19	41/02
52143	8	18/03	53266	4	1,8,13,17/03	54369	4	52/02;20,21,34/03	56082	16	29/03
52144	5	50/02;3,7,8,10,14,16,18, 21,23/03	53268	4	42/02;7/03	54380	6	42/02;3,16,18,28,34/03	56083	2	31/02
52161	14	6,11,14/03	53269	5	17/03	54382	9	16,28,40/03	56100	14	33/03*
52164	2	14/03	53279	3	7,15/03	54386	10	42/02;16,18/03	56101	6	33/02;1/03
52170	3	14,16/03	53281	4	31,40,52/02;15,18/03	54387	7	42/02;16,18,30,39/03	56102	23	1/03
52172	2	40/02;1/03	53282	8	40/02	54389	8	43,52/02	56103	6	30/02;1,33/03
52180	14	42,43,51/02;1,8,10,13,15, 16/03	53283	4	33,52/02;40/03	54400	8	32,43/02;3,16,22,30,36, 37/03	56104	3	22/03*
52200	8	7,17/03	53285	4	35/02;7,15/03	54402	4	52/02	56105	1	38/03*
52220	7	27/03	53287	6	35,42/02;1,5,7,8,10,15, 22/03	54403	4	43,52/02;24,30,36/03	56106	12	1/03
52221	7	27/03	53290	1	35/02	54407	4	32,43/02;3,7,16,30,37/03	56107	1	38/03*
52223	4	27/03	53301	4	22/03	54409	2	32/02;7,8,12/03	56108	19	41/02
52224	9	27/03	53302	4	51/02	54413	3	31/02;37/03	56109	1	38/03*
53011	2	51/02	53303	6	49,51/02	54417	1	30/03*	56110	12	1/03
53031	1	28,30,39,48/02;5,12,14, 24,31/03	53306	2	39/02;31/03	54418	4	32,43/02;3,7,16,30,37/03	5702		

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 41/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
57063	5	40,41/02	62050	6	44/02	62541	3	N29,N31,N32,N34,N40, N45,N48,N50,N52/02; N8,N12,N17,N18,N21, N30,N35/03	71061	15	36/02
57064	3	41/02	62092	7	41/02	62550	3	16*,28,32/03	71066	1	39/02;6,7,10,24/03
57101	18	41/02	62093	7	41,49/02	62560	4	16*,18/03	71081	3	21/03
57103	2	16/03	62095	3	11*,32/03	62570	4	31,32,33,34,36,40,45, 48/02*;8,12,17,18,30,35, 37/03	71091	4	1,2/03
57120	13	43/02	62097	6	38/03*	62580	3	32,33,45/02;12,35/03	71140	6	33,39,46/02;1/03
57140	10	43/02	62098	7	33/03*	62590	2	28,29,36,40,46,48/02*; 12,17,18,21,23,30,37/03	71180	29	33,37/02;7,12,13,15,21, 23/03
57141	14	43/02	62100	6	P23,26/03	62591	3	N28,N29,N36,N46, N48/02;8,N12,N17, N18,N21,N23,N30, N37/03	71183	13	32/02
57142	6	43/02	62110	9	P23,26/03	63000	13	28,48/02;40/03	71185	24	7,13,15/03
57160	10	43/02	62140	1	34,40/02	63005	18	31/02;16/03	71186	2	7/03
57161	4	31/02	62142	10	28/02;32/03	63010	14	29,31,52/02	71210	18	44/02;3,23,27/03
57162	7	43/02	62143	3	28/02;32/03	63015	11	31,38,40,52/02;9/03	71211	4	38/02
57164	2	43/02	62170	2	38/02	63020	15	31/02;4,9,11/03	71212	1	38/02
57165	1	43/02	62171	4	38,47/02	63040	2	46/02	71230	11	38/02;6/03
57170	1	43/02	62191	15	11*,15,28/03	63045	2	29/02;39/03	71241	10	6,12,16,20/03
57200	6	11/03	62193	17	31/02	63060	7	28,32/02	71243	5	15/03*
57220	4	11/03	62194	8	31,36/02;4/03	63062	7	28,29/02;7,16,18,37/03	71247	18	5,6,8,14,17,21,22/03
57241	12	31/03	62195	7	19/03*	63063	9	29/02;20/03	71248	2	N51/02*;N1/03
57242	8	41/03	62220	9	21/03*	63070	3	28,29/02;16/03	71249	2	35/02
57245	1	41/03	62222	5	19/03*	63080	5	28,31,48/02	71251	11	35,40/02;1,15,21/03
57260	3	23/03	62225	3	37/02;17/03	63094	4	32,39,48,52/02;9/03	71253	10	35,40,42/02;5,6,7,13,14, 16,17,21/03
57261	2	23/03	62241	10	9/03	63095	2	46/02	71255	6	28/03*
57262	4	23/03	62242	11	47/02;9/03	63096	7	30,34,52/02;13,19/03			
57381	12	52/02;15,16,23/03	62250	4	34,38/02;32/03	63097	3	28/02;5,6,7,12,13,16/03			
57400	4	12/03	62270	4	37,41/02;29,32/03	63098	3	28,35/02;5,6,7,13,22/03			
57408	2	12,24/03	62271	5	37,41/02;10/03	63099	3	15*,17,19/03			
57420	3	12/03	62290	3	37,41/02;10,21,P23, 26/03	63100	2	44/02;30/03	71261	8	35/02;2,16/03
57460	4	10,12,29/03	62295	3	21,P23,26/03	63102	7	6,33/03			
57471	3	12,15/03	62302	2	4/03	63103	9	46*,49/02;7,13,15,16, 20/03			
57472	2	12/03	62310	2	29/03	63104	10	30,34,52/02;19/03			
57480	8	12,15,23,27/03	62330	2	38,40/02	63105	10	30,34/02;19/03			
57482	12	24/03	62340	3	38/02	63106	7	51/02;34/03			
57483	11	24/03	62343	3	8/03	63107	15	30,34,52/02;13,19/03			
57484	19	15,23,24,27/03	62350	3	10/03	63108	2	30,34,39,40,52/02;12,			
57488	6	24/03	62355	6	8,29/03	63109	17	19/03			
61000	20	10,15,23,27,31/03	62360	5	38/02;12/03	63110	15	31,34,36/02;2,13,23/03			
61020	2	28/02;27/03	62361	2	N38/02;N12/03	63111	9	48/02;9/03			
61036	8	7/03	62366	4	33/03*	63112	2	44,48,52/02;8/03			
61040	6	10,31/03	62391	5	33/03*	63121	5	6,10/03			
61050	4	10,15,31/03	62393	7	34,37,50/02	63125	2	31,34,39,40,52/02;12,			
61051	7	15,24/03	62394	10	34,37,50/02	63126	2	30,34,39,40,52/02;13,			
61060	5	12,27,39/03	62395	3	25/03*	63130	17	19/03			
61061	9	10,12,15,24/03	62400	17	33/02;4,9,31/03	63131	4	7/03			
61070	4	9,39/03	62401	9	6,10,41/03	63132	8	45/02			
61071	9	18,39/03	62402	10	10/03*	63134	2	23/03			
61080	4	9/03	62404	3	6/03	63135	8	6,7,33/03			
61090	5	12,27/03	62406	2	33/02;28/03	63136	2	8,38/03			
61091	5	12,18,24,27,35/03	62408	7	10/03	63137	11	40,46/02;2,4,5,6,7,33/03			
61092	13	18,27,35,39/03	62409	6	7/03	63138	3	35/02;5,14,33,38/03			
61100	4	10,12/03	62411	1	5/02	63139	15	35/02;2,6,16,19,33/03			
61110	3	28/02;25/03	62413	12	28/03*	63140	1	5,7,8,33,38/03			
61111	12	25,27,34/03	62417	1	5/02	63141	5	14/23/03			
61112	10	35/03	62419	6	33/02;8/03	63142	2	31,34/02			
61120	4	28/02	62420	5	33,37,39/02;8/03	63144	1	5/03			
61130	3	28/02	62429	9	39,43/02	63145	8	50/02;5,14,33,38/03			
61141	6	38/02;35/03	62431	8	37/02	63146	3	7/03			
61142	6	38/02;7,35,39/03	62432	16	13*,30/03	63148	3	35/02;7,23/03			
61180	4	38/03	62433	12	30,31,34,45/02;1/03	63149	2	23/03			
61190	4	39,41/02	62434	9	40,46,52/02;8,12,17,18, 21,23/03	63150	8	5,6,7,14/03			
61204	5	13/03	62446	2	31,49,50/02;4/03	63152	5	14,23/03			
61300	2	7/03	62447	6	24/03	63153	1	40,46,51/02;5/03			
61310	2	33/02;7/03	62453	4	16/03*	63154	1	40,46/02;4,5,6,33/03			
61311	5	33/02	62454	7	39,43/02	63155	1	39/02;12,23/03			
61312	3	33/02	62455	6	11/03*	63156	1	41/02;23/03			
61331	4	7/03	62457	6	6,41/03	63157	2	38,39/02;3,12,14,23/03			
61400	2	7/03	62459	2	31,49,50/02;4/03	63158	3	11*,20,23/03			
61410	2	7/03	62463	4	16/03*	63159	2	11*,23/03			
61430	2	7/03	62465	7	39,43/02	63160	2	38/02;14/03			
61433	1	7/03	62467	6	11/03*	63161	8	31,32,35,47,50/02;2,20, 21,23,24,27/03			
61434	2	7/03	62469	2	6,41/03	63162	10	30,36,38,47,51/02;2,5,7, 11,27/03			
61541	8	41/03	62470	4	31,33/02;10/03	63164	10	46/02;7,19/03			
61542	6	41/03	62474	6	31,49,50/02;4/03	63165	8	31,36,38,47,50,51/02;7, 20,23,27/03			
61560	2	7/03	62480	2	16*,18,32,41/03	63166	7	31,34/02;22/03			
61562	2	6/03	62490	2	16*,17,18,21,32/03	63167	8	31/02;8,21,27/03			
61581	5	28/03	62498	4	31/02;4,9,31/03	63168	2	8,27/03			
61582	4	28/03	62499	4	31,49,50/02;4,9,31/03	63169	4	23/03			
61591	4	28/03	62510	3	11*,12/03	63170	8	32,50/02			
61610	7	28,29/02;34/03	62512	3	N11*,N12/03	63171	4	32/02;2,9/03			
61611	11	28/02;34/03	62515	2	45/02	63172	2	9/03			
61612	4	28/02;34/03	62520	6	20*,28,32,41/03	63173	7	51/02;2,9/03			
61650	3	12/03	62521	4	N20*,N28,N32,N41/03	63174	3	15/03*			
62000	20	46/02	62530	6	20*,28,32/03	63175	8	29,38/02;7/03			
62001	5	11*,28/03	62531	4	N20*,N28,N32/03	63176	7	29/02;7,19/03			
62024	13	38,40/02;29/03	62540	6	29,31,32,34,40,45,48,50, 52/02;8,12,17,18,21,30, 35/03	63177	2	29/02;4,6,7,19/03			
62028	15	10/03	62541	1	36/02	63178	2	29/02;7,19/03			
62032	16	11*,17,21,41/03	62542	1	36/02	63179	2	29/02;7,19/03			
62033	3	N11*,N17,N21,N41/03	62543	1	36/02	63180	3	42,44/02			
62046	3	19/03*									

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 41/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
72130	4	46/02	74204	5	37/02;1,7,8,32,40/03	74583	15	32,34,40,43,44,48/02;	76162	1	18,28/03
72131	3	11/03	74205	2	27,32,35/03			38/03	76170	7	29/02,28/03
72161	10	10/03	74206	2	34/02;27,32,35/03	74584	5	32,34,41,43,45/02;26,27,	76180	1	28/03
72181	2	36/02;7,11/03	74210	7	7,17,37/03			36,38,39/03	81004	3	37/03*
72190	2	30/02;10/03	74220	8	35,47,51/02;30,37/03	74590	2	28,51/02	81048	8	28/03
72201	8/03		74221	2	35,51/02;30,38/03	74591	7	40/02;8,38/03	81054	13	14*,27,28/03
72211	6	43/02;5,8/03	74229	2	33,37,43,47/02;18,26/03	74595	2	28/02	81067	5	51/02;10,12,16,25/03
72223	8	27/03	74230	7	28,39,42/02;5,7,36/03	75000	6	47/02;6,31/03	81076	10	41/03*
72231	8	31/02;21/03	74231	7	35/02;3,21,36/03	75001	3	47/02;5,6,31,32/03	81092	3	38*,50/02;32/03
72234	2	18,19/03	74232	9	5,7,21/03	75010	7	41,42,50/02	81711	6	31/03
72236	1	9,12/03	74234	1	8,17/03	75025	9	36,39/02;2,4,8,25,27,36,	81715	4	31/03
73000	9	40,52/02;10,20,21/03	74240	8	34,39,42/02;4,5,7,8,9,			38,39/03	82005	5	17/03
73002	4	30/02;5,11/03			41/03	75035	18	36,39/02;2,6,26,27/03	82010	6	17,39/03
73004	4	10/03	74251	8	31,32,34,37,42,44,46,	75051	6	5/03	82015	13	39/03
73008	8	11,13,23/03			51/02;6,9,17,21/03	75110	2	50/02	82020	7	39/03
73012	6	11/03*	74252	9	47/02;5,7,9/03	75120	2	42/02	82200	2	17,41/03
73014	10	48,52/02	74253	6	32,47/02;8,9,16,20,21,	75130	16	31,34,41,50,51/02;5,7,8,	82210	2	42,48/02
73016	4	44/02			30/03			16,19,25,26,37/03	82215	2	41/03
73020	9	9,21,22/03	74261	9	41,49/02;4,10,30,39/03	75131	7	28/02;17,39/03	82242	1	35,48,50/02
73024	3	39/02	74265	2	31,38,41,43,47,49/02;7,9,	75132	11	31/02;17,19,25,29,32,	82244	5	35,42,48/02;20,39/03
73030	4	22/03			16,21,30/03			35/03	82253	7	35,48,50/02;20,39/03
73032	4	9,22/03	74270	3	31,38/02;7,38/03	75134	3	33,51/02;5,19,29,37/03	82280		N39/03
73041	2	5/03	74271	9	28,38,46/02;19,26,27,29,	75142	5	28,36,42,50/02;35/03	82646	2	33/02
73191	3	7/03			30,38/03	75143	4	28,32,33,36,38,42,50/02	82649	5	33/02
73271	7	13/03	74272	7	32/02;4,19,29,30/03	75144	3	31,33,36,42,51/02;4,10,	82683	4	33/02;17/03
73552	4	34,45/02;1,7,9,10,10,38/03	74273	5	31,38,41,43/02;7,19,			18,25,30,38/03	82684	3	33,38/02;7/03
73570	7	34,45/02;1,10/03			27/03	75150	5	50/02;16,19,26/03	82689	3	38/02;17/03
73580	4	52/02	74281	7	3,30/03	75160	6	17,18,19,25,32/03	82694	6	38/02;17/03
73581	4	52/02;3/03	74283	2	46,49/02;27/03	75170	12	38,39/02;8,25,38/03	82697	6	38,46/02
73590	6	31,47,52/02;36/03	74285	2	31,34,35,45/02;1,9,16,	75171	22	31,32,33,36,38,40,42,48,	83010	6	6/03
73601	3	31,34,35,47/02			38/03			52/02;1,6,16,26,35,38,	83020	8	24/03
73610	4	31/02	74286	2	29,35/03	75172	5	39/02	83021	1	43/02
73631	4	36,46/02;1,17,40/03	74287	2	34,38,52/02;9/03	75173	9	31,32,33,36/02;1,6,20,26,	83023	4	43/02
73640	5	36/02;16,40/03	74289	5	9/03			35,38/04/03	83025	1	12/03
73650	5	40/03	74290	11	34,39,45,46,48,49,51/02;	75175	9	31,33,38,40,45,50/02;6,	83026	32	41/02;6/03
73653	1	40/03			1,7,9,10,16,27,30,38/03			18/03	83039	11	41/02;6/03
74000	6	36,47/02;2,7,18,41/03	74292	8	34,38/02;9,27/03				83251	2	2,12/03
74002	2	28,35,47/02;31/03	74293	7	34,45,48/02;9,16/03	75176	9	42,50/02;25,26,32,40/03	83252	8	2,12/03
74003	5	28,47/02;7,10,31,34/03	74294	3	34,45/02	75177	7	38,48,50,52/02;6,26,	83253	2	12/03
74004	2	35,37,39,47/02;9,30/03	74295	3	4,9,27,29,35/03			38/03	83392	5	31/02
74005	2	31,34,35,46,47,51/02;4,7,9,16,27,30,38/03	74296	4	34,38,49/02;9,27/03	75180	2	8,25,38/03	83393	2	N31/02
74006	2	31/02	74320	3	35/02;8,18,41/03	75185	2	47/02;8,36/03	83397	6	1/03
74007	1	36/02	74340	3	16/03	75190	2	47/02;25,36/03	83425	6	35/02
74008	6	51/02	74350	4	16/03	75191	6	37,38,43,47/02;8,19,30,	83473	7	37/03
74009	10	38,49/02;8,9,21,36/03	74376	5	43/02;9,16/03			34,36,38/03	83484	10	23/03
74012	10	37,40,49/02;6,8,19,20,27,36,37/03	74380	4	32/02;8,9,26/03	75193	6	49/02;1,5,7,10,16,19,	83574	2	7/03
74015	10	40/02;21,31,36/03	74391	3	26/03			35/03	83580	2	8/03
74016	3	27/03	74392	7	39/02;25/03	75207	2	36,52/02;4,16,33,37/03	91005	6	45/02;19/03
74017	4	37,45/02;18,31,38/03	74393	9	28,31,38,41,50/02;3,	75208	2	50/02;30,33/03	91008	1	29,44,48/02;8,10,12/03
74018	6	44/02			39/03	75213	2	36,52/02;33,38/03	91010	6	29,48/02;10,12/03
74020	4	33,37,38,43/02;5,18,31,38/03	74410	3	38/02;7/03	75215	6	36,39,40,52/02;7,33,	91020	5	19/03
74021	7	33,35,39,44/02;7,10,26,31,35/03	74415	1	39/02			38/03	91170	2	38,41,44/02
74024	7	31,44/02;36/03	74420	3	45/02;19,27,30/03	75220	12	36,39,49/02;4,20,26,	91280	7	19/03
74027	9	43,44/02;39/03	74430	2	49/02	75222	8	35,40/02	91294	8	19/03
74030	6	28,51/02	74440	3	32,39/02;2/03	75240	4	36,39/02;2,4,27,39/03	91297	9	19/03
74053	2	28,51/02	74450	3	49/02;2,37/03	75241	6	34,36/02;26,35/03	92006	5	45,46/02;5/03
74054	2	28/02	74455	3	48/02;1,4,38/03	75251	5	33,48/02;3,19,37,40/03	92033	5	45/02
74151	9	36,44/02;2,20,29,40,41/03	74465	2	9,36,38/03	75261	6	33,36,48/02;3,6,26,31,	92290	2	19/03
74152	11	36,44/02;27,30,34/03	74470	2	8/03			38/03	92296	3	19/03
74153	2	36,44/02;2,27,41/03				75262	6	38/02;16/03	92560	4	45/02
74162	4	36,46,47/02;8/03	74485	3	43/02	75263	9	32/02;5,26,31/03	93006	2	39,45/02;4,8,10/03
74171	4	33,36,47/02;3,10,18,20,40/03	74493	3	38,43,45/02	75264	17	33,34,37,41,42,44,45/02;	93010	6	38,40,41/02;2,13,14,18,24/03
74172	5	36,47/02;7,10,18,40/03	74494	2	41/02;8,9,16/03			2,27,32/03	93018	8	1,14,18,24/03
74181	8	28,33,35,37,38,39,47/02;10,34/03	74510	2	33,35,37/02;5,10,17,18,35/03	75265	2	6,20,31,32,38,40/03	93020	2	38/02;4,13/03
74182	12	28,33,35,37,38,39,41,42,44,51/02;6,10,17,25,34,38,39,40/03	74515	3	39,41/02;4,31/03	76015	1	29,35,40/02;28/03	93025	5	45/02
74183	11	38,39,42/02;4,6,17,25,38/03	74521	3	28,41/02	76030	9	49/02	93030	6	45/02
74184	10	28,33,35,37,38,39,46,48/02;17,34/03	74527	2	28/02	76071	9	35/02;28/03	93032	3	45/02;24/03
74186	7	34/02;4,10,17,21,27,30,36/03	74530	2	28,44/02;36/03	76080	8	1,18/03	93043	1	45/02
74190	7	35,36,37,46/02;1,16,31,34,39/03	74535	2	31,42,44,48/02;36,38/03	76081	7	28,37/03	93046	1	45/02;5/03
74191	2	35,46,48/02;1,7,9,29/03	74545	3	28,40/02;18,32/03	76083	3	1,37/03	93047	2	45,49/02;24/03
74192	3	28,35,46/02;1,40/03	74550	4	5,32/03	76140	7	46/02	93048	1	35,49/02;5,14,33/03
74200	8	28,37,46/02;1,8,32,40/03	74555	3	34,43,44,48,51/02;5/03	76141	8	46/02;28,37/03	93049	1	45/02;4/03
74201	9	32/03	74560	10	28,32,40,43,46,48,50/02;	76142	1	46/02;37/03	93061	4	45/02
74202	3	1,7,27/03	74561	2	5/03	76144	1	28/03	93101	2	N34,N38/02;N2;N3/03
74202	9	32/03	74581	9	32,34,36,40,41,43,45/02;	76147	1	28/03	93110	2	38,40,41/02;1,2/03
74202	7	27,31,39/03				76150	6	35/02	93115	2	40,41/02
74202	7	27,31,39/03	74582	9	28,40/02;17,20,27,31,39/03	76160	4	28/03	93117	2	40,41/02
74202	7	27,31,39/03				76161	10	40/02	93118	2	40,41/02

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 41/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
93261	5	31/02;7/03	94361	13	32/02;13,15/03	95163	2	1,6,9,10,13,14,17,21/03	96962	4	30,35/02;1,9,22,33/03
93280	4	18/03	94363	4	32,43/02;16,18,29/03	95164	4	43,48/02;1,6,9,27/03	97000	3	17,40/03
93360	5	38/02	94380	4	N5,N6,N18/03	95167	10	44/02;1,6,9,11,14,17, 21/03	97021	7	40/03
93520	13	45/02;15/03	94384	3	5/03	95169	2	44,50,52/02;11,16,23/03	97029	3	40/03
93610	3	44,45/02;6/03	94420	3	39/02;4,8,11,13,14,23/03	95171	1	1,6,9,21,37/03	97040	5	43,47/02
93650	2	44/02;6,24,28/03	94421	10	45/02;4/03	95172	1	1,9,21,32/03	97041	9	45,47/02;10,12,22/03
93652	2	3,6,24/03	94423	12	45/02;11/03	95173	1	50,52/02;1,28/03	97042	7	14,20/03
93680	3	45,47/02;24/03	94427	2	N32/02	95174	1	50,52/02;12,27/03	97043	2	14,20/03
93690	2	44/02;6/03	94440	2	46/02;18/03	95176	2	31/02;8,11,30,35/03	97060	8	46/02;12,14,22,26/03
93698	3	45/02;28/03	95016	8	40/02	95177	1	41,50,52/02;9/03	97061	3	52/02
93710	3	6,15/03	95040	8	40/02;11/03	95180	11	40,42,44,49/02;1,6,9,10, 21,23/03	97062	12	44/02;6,10,22,26,34, 35/03
93720	10	39,45,50/02;8,15,17,20, 24,28/03	95041	7	23/03	95185	2	31,40,44,49/02;10,35/03	97064	2	6,14,33/03
93721	5	32,39,42,45,50/02;4,11, 17,20,23,25,40,41/03	95060	13	40,43,44,47,48,52/02;1,6, 11,14,17,19,21,23,29,31, 33/03	95200	6	23/03	97080	5	16,22,26/03
93725	6	45/02;24/03	95065	5	48/02;10,31/03	95250	4	44/02;1,6,16,20,22,36/03	97082	5	46/02;16,34/03
93726	4	48/02;8,12,17/03	95066	11	41,43,44,47,48,49,50/02; 1,5,6,17,19,21,23,25,27, 31,32,33,37/03	95255	2	44/02;1,7,13/03	97083	3	29,34,35/03
93730	3	39,40,42,45,47,50/02;2,4, 17,24,28,31,41/03	95067	13	41,44,46/02;1,5,10,17,23, 28,37/03	95258	3	6,16,18/03	97100	4	28,42,47/02;16,17,26/03
93733	13	32,39,45/02;4,19,20,25, 40,41/03	95068	1	41,42,45,47/02;12,14,17, 25,28,29,37/03	95261	7	48/02;1,5,9,16,23,28, 36/03	97101	1	28/02;21,25,26/03
93734	11	32,45/02;4,19,20,25, 40/03	95080	13	30,33,40,44,45,50,52/02; 1,6,7,9,10,14,17,19,21, 25,28,27,28,30,31,32/03	95262	13	41,46/02;1,6,9,27,36/03	97104	4	7,41/03
93736	22	32,41/02;4,20,25,40, 41/03	95082	9	30,33,44,46/02;1,4,7,11, 17,25,27,28,30/03	95264	8	48/02;25/03	97105	3	41/03
93778	8	47/02;7/03	95083	8	33/02;1,4,19,28/03	95267	5	13,20,23,26,36/03	97108	3	21,25,26/03
94004	6	29,30,33,37,44,52/02;8,9, 10,12,17,18/03	95084	7	50,52/02;8,12,17/03	95268	16	39,48/02;6,9,13/03	97120	6	28,31,37,40,42,43/02;9, 14,16,17,25,40/03
94016	2	33,35,52/02;3,9,10,14,17, 21,33/03	95085	4	45,52/02;1,6,11,12,27, 33/03	95270	4	48/02;9,10,13,20,21,22, 23,26,36/03	97140	17	33,37,39,43,45/02;7,9,14, 16,25,40/03
94028	7	40,42,52/02;1,6,7,8,9,11, 14,17,21,24,27,31,33, 40/03	95086	5	45,52/02;1,6,8,11,12,23, 27,31,33/03	95271	4	44,48/02;9,10,12,13,20, 26,36/03	97141	5	40,46/02;8,13,20/03
94033	5	19,21,23,29/03	95087	3	33,40,48/02;1,8,30,31/03	95273	2	48/02	97143	11	31,43,45/02;9,13,20,25, 26/03
94040	13	30,37,47,51/02;6,8,10,17, 18,28/31/03	95100	12	38,39,43,44,45,46,47,50, 52/02;1,4,6,7,8,9,10,17, 23,25,27,28,29,31,37/03	95341	8	42,47/02;1,10,40/03	97144	14	44*,46/02;7,8,9,13,20, 39/03
94042	9	47,51/02;7,18,24/03	95101	8	39,44,50/02;1,5,6,9,14, 17,28,31/03	95342	16	30/02;9,13,16,20/03	97145	1	43/02;8,9,25,40/03
94060	10	29,33,33,37,46,47/02;7,8, 10,12,14,15,18,24,31/03	95102	8	38,42,45,46,47,48,50, 52/02;1,4,5,8,13,14,17, 23,25,27/03	96004	14	44,45/02	97146	10	44/02*;15,39/03
94061	5	33,35,47/02;23,41/03	95103	8	42,43,45,47,52/02;4,6,7, 10,12,19,27,28,31/03	96020	4	41/02	97148	9	45/02,9,27/03
94063	4	29,33,41/02;8,18/03	95120	7	42,43,52/02;1,4,14,21, 26/03	96032	3	38/02;34/03	97149	20	34,35,44,45/02;1,16, 25/03
94067	10	33/02;10,11/03	95138	8	45,46,48,49,50,52/02;8, 16,17,19,23,24,25,27,28, 30,35,36/03	96120	6	30/02;21/03	97150	13	34,39,43,44/02;20,27/03
94080	7	29,30,33,44,48/02;10,19, 22,32/03	95140	15	38,40,41,44,48,49,52/02; 1,7,8,9,10,17,21,24,25, 27,29,33,35,37/03	96140	5	30/02;3/03	97151	16	31,35,44,45/02;12,13,14, 16,20,25/03
94082	8	30,44/02;8,19,22/03	95141	8	45,47,50,52/02;1,6,7,8, 17,19,21,23,25,29,37/03	96379	1	10/03	97152	8	37/02;20/03
94083	12	44/02	95142	9	50,52/02;8,10,19,23, 29/03	96381	2	10/03	97153	7	31/02;16,20/03
94120	6	33,38,48,52/02;9,10,17, 18,21/03	95143	11	40,45,47,48,49,50,52/02;1,5, 6,7,8,9,10,11,12,13,16, 17,19,23,24,25,27,28,30, 36/03	96382	2	10,12,21/03	97154	2	36/02
94122	7	30,40/02;35/03	95144	9	38,41,46,48,50,52/02;1,6, 8,9,10,11,13,16,21,23,24, 35,37/03	96400	4	12/03	97155	14	31,35,36,37,39,40,48/02; 12,13,18,20,28/03
94123	9	33,38,42,44,52/02;9,10, 15,17,18,28/03	95145	15	38,40,41,44,48,49,52/02; 1,7,8,9,10,17,21,24,25, 27,29,33,35,37/03	96406	2	36/03	97156	6	37/02;1,14/03
94124	13	38,42,44/02;10,15,17,25, 28/03	95146	8	45,47,50,52/02;1,6,7,8, 17,19,21,23,25,29,37/03	96409	7	30/02;23/03	97157	2	40/03*
94127	2	33,38/02;6,9,13,16,18/03	95147	9	50,52/02;8,10,19,23, 29/03	96409	1	41/02;10/03	97158	4	25/03
94160	7	33,38,44,46,47,50,51, 52/02;9,10,12,16,17,18, 19,28,31,41/03	95148	11	40,45,47,48,49,50,52/02;1,5, 6,7,8,9,10,11,12,13,16, 17,19,23,24,25,27,28,30, 36/03	96411	1	10/21,39,40/03	97159	6	33,39/02;7,14,16/03
94164	2	46,50,51/02;12,16,19, 41/03	95149	9	43,36,37,38,41,43,48,49, 52/02;8,9,19,24,25,27,30, 32,35/03	96420	11	29,30/02;23,38/03	97163	14	14,36/03
94165	4	50/02;18,24/03	95150	17	43,36,37,38,40,47,50/02; 1,5,19,23,28,29,30,37/03	96420	6	30/02;21/03	97164	1	7,14,16/03
94180	9	32,42,44,47,50,51/02;23, 28/03	95151	17	43,36,37,38,40,47,50/02; 1,5,19,23,28,29,30,37/03	96420	5	30/02	97165	1	7,16/03
94184	2	N51/02	95152	5	43,36,37,38,40,47,50/02; 1,8,9,10,11,13,16,21,23,24, 35,37/03	96420	1	10/03	97166	1	33/02;21/03
94187	3	32/02;14,23,36/03	95153	2	43,36,37,38,40,47,50/02; 1,8,9,10,11,13,16,21,23,24, 32,35/03	96420	2	33/02;21/03	97167	2	33/02;21/03
94188	2	44,46,47,51/02;8,28/03	95154	14	36,38,39,40,41,44,46,47, 48,50,52/02;1,8,9,16,21, 23,24,31,32,35,37/03	96420	4	36/03	97180	6	31,34,39,43,45,46,48/02; 4,8,13,20,22,26/03
94201	1	51/02;24,28/03	95155	13	41,42,44,46,47,52/02;10, 11,12,14,17,18,20,22,23, 26,27,35/03	96420	20	31,34,46,48/02;1,4,7,8, 12,13,14,17,18,20,22,23, 26,27,35/03			
94203	10	41,42,44,46,47,52/02;10, 11,24,41/03	95156	13	41,42,47,48,49,50/02;1,5, 6,7,8,9,10,11,12,13,16,17, 18,19,23,24,25,27,28,30, 31,32,33,35,36/03	96420	7	31,34,39,46,48/02;1,4,5, 6,7,8,12,14,17,18,20,21, 22,23,27,35/03			
94206	3	41,42,44,47,52/02;11, 19/03	95157	2	43,36,37,38,40,47,50/02; 1,8,9,10,11,13,16,21,23,24, 32/03	96420	9	52/02;8,16,17,22,25,26, 29/03	97183	9	44/02;5,9,14,16,18,22,
94207	5	N42,N44,N47,N52/02; N11,N19/03	95158	9	43,36,37,38,41,43,48,49, 52/02;8,9,19,24,25,27,30, 32,35/03	96420	5	10/03	97184	15	28,47/02;1,7,12,14,18,22, 39/03
94208	6	N44/02	95159	17	43,36,37,38,40,47,50/02; 1,5,19,23,28,29,30,37/03	96420	2	45/02	97185	2	43/02;1,7/03
94216	6	45/02;10,17/03	95160	13	41,42,47,52/02;1,6,8,9, 11,17,19,21,24,25,27,33, 36,40/03	96420	3	45/03*	97187	3	44,48/02;9,18/03
94217	4	30/02;6/03	95161	17	43,36,37,38,40,47,50/02; 1,5,19,23,28,29,30,37/03	96420	1	10/03	97188	2	1,7,13,17,20,22,27,35/03
94218	3	30,36/02;6,18/03	95162	5	37,38/02;6,9,19,28,30,31, 37/03	96420	2	40/02	97189	2	28,44/02;9,14,18,22, 39/03
94219	1	47/02	95163	2	43,36,37,38,40,47,50/02; 1,8,9,10,11,13,16,21,23,24, 32/03	96420	3	47/02	97190	2	34,39,52/02;8,13/03
94220	4	41,42,47,49/02;8,10,11, 17,18,33/03	95164	9	43,36,37,38,41,43,48,49, 52/02;8,9,19,24,25,27,30, 32,35/03	96420	4	41/02	97200	9	52/02;8,16,17,22,25,26, 29/03
94260	5	49/02;1,6,11,31/03	95165	17	43,36,37,38,40,47,50/02; 1,5,19,23,28,29,30,37/03	96420	7	18,28/03	97201	7	18,28/03
94280	5	51/02;15,32/03	95166	13	41,42,47,52/02;1,6,8,9, 11,17,19,21,24,25,27,33, 36,40/03	96420	15	43,44,52/02;20,25/03	97202	15	43,44,52/02;20,25/03
94281	6	6/03	95167	16	31,40,45,48,50/02;1,5,6, 8,9,10,11,17,19,23,25,27,30, 37/03	96420	9	28,29,45,52/02;			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 41/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.		
97223	3	42,44,48/02;16,17,22, 23/03	97410	8	17,19/03		
97224	6	46,47,49/02	97412	7	40/02		
97225	31	37,39,42,44,45/02;6,8,9, 10,17,18,19,23,25,33/03	97420	17	34,39,42,47,52/02;1,8,10, 33,38,40/03		
97226	7	18,41/03	97421	13	35,36/02;1,10,13,20,26, 36/03		
97227	11	42,43/02;9,18,30,34/03	97423	2	35,36/02;1,13,20,26, 36/03		
97228	15	28,30,39,40,42,43/02;5,6, 9,15,17,18,20,21,22,27, 29,35/03	97425	6	34,39,47,52/02;1,6,8, 10/03		
97229	12	31,36,39,47/02;6,8,9,18, 28,33/03	97440	8	52/02;1,16,19,27/03		
97230	18	29,36,52/02;6,9,28,33/03	97441	5	46/02		
97231	11	41/02;6,23,33/03	97443	6	15,19,25/03		
97232	8	22,25,33/03	97460	7	40/02;5,19,21/03		
97233	11	31,33,43,44,49/02;1,5,6, 9,15,16,23,33,35/03	97461	9	5,8,19,21,22,23,26/03		
97234	17	29,43,47,49/02;1,6,8,9, 16,41/03	97465	9	1,6,8,19,20,22,33,37/03		
97235	20	31,47/02;9,16,23,35, 41/03	97466	2	46/02;1,23,27/03		
97237	6	41/03	97469	10	1,6,8,19,20,22,33,37/03		
97239	10	31,33/02;1,5,9,16,23/03	97471	5	N31/02;N22,N33/03		
97241	6	10/03	97472	8	34/02;33/03		
97243	8	28,29,31,33,48/02;1,5,6, 21,27,33/03	97474	7	22/03		
97244	5	9/03	97480	7	35,52/02;3,9,10,17,18, 21/03		
97245	11	28,36/02;1,5,9,29/03	97481	6	47,49/02;9,18,20/03		
97246	7	43,52/02;5/03	97483	7	48,52/02;20/03		
97251	4	6,10,17,36/03	97521	6	42/02;16,18,20/03		
97261	15	41/02;1,5,7,18,21,26/03	97564	3	16/03		
97262	10	29,34/02;1,5,6,7,15,21, 26,33/03	800744	1	N49/02;N5,N12,N13, N16,N36/03		
97263	10	5,7,9,15,18,21/03	801217	1	N6,N8,N19,N20,N22, N33,N37/03		
97266	5	37,41/02;1,5,6,7,14,15, 18,26/03	801885	3	N28/02;N34/03		
97267	16	29,40,41/02;1,5,6,8,10, 13,18,26,27/03	801902	9	N25,N31/03		
97268	10	6/03	801953	1	N39/03		
97269	11	45/02;8,13,18,27/03	802202	8	N31,N35/02;N1,N7/03		
97270	6	36,44/02;1,5/03	804037	1	N28/02		
97271	12	29,37,39/02;6,10,12,26, 35,41/03	804567	4	N31/03		
97272	11	52/02;6,10,12,14,23, 37/03	805118	3	N12,N36/03		
97273	11	34/03*	805647	2	N37,N51/02;N30/03		
97274	19	31,34,39,45/02;6,9,15,17, 18,23,37/03	806927	8	N25,N30,N39/03		
97276	1	29,40/02;9/03	807370	5	N17,N25,N30,N31, N39/03		
97277	11	1,5,6,8,9,14,35,39/03	807861	2	N22/03		
97278	11	39/02;1,20,35,39/03	808365	2	N14/03		
97279	9	9,27/03	809055	7	N16/03		
97280	4	52/02	809310	9	N39/02		
97281	2	41/02	809679	2	N50/02;N12,N27/03		
97283	3	45/02;9/03					
97285	6	31,34,42/02;7,13,17, 36/03					
97286	6	31,34,35,36,41,42/02;6,8, 10,13,17,35,36,38/03					
97287	5	34/02;20/03					
97300	6	1,13,25,26/03					
97303	3	47,48/02					
97320	6	33/02;14,25/03					
97340	8	33,38,52/02;16,17,18,22, 36/03					
97341	9	34/02;16,21/03					
97342	14	38/02;17,18,22,27/03					
97343	12	38/02;17,25/03					
97360	6	38/02;5,7,13,18,27/03					
97380	7	39,47,52/02;1,2,8,16,23, 38,40/03					
97381	7	7,13,27/03					
97382	2	41,45/02;4/03					
97383	16	31/02;5,7,13/03					
97384	4	47/02;19/03					
97385	10	31,52/02;5,6,7,9/03					
97387	2	4,5,7/03					
97389	1	39/02					
97390	5	31,39,40/02;2,5,12,16, 36/03					
97391	26	31/02;6,7,12,16/03					
97392	5	1,21,23,26,33,38/03					
97396	14	36,39,40/02;2,16,17,23, 33,38/03					
97397	7	39,49/02;16,26/03					
97398	3	49/02					
97400	4	34/03*					

SECTION II

NM 41/03

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.					Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date					
REGION 1									
11BCO11358 (7642014010188)	Barataria Bay and Approaches (LORAN-C)	80,000	<u>52</u>	<u>6/03</u>	NOS	1-94	41/03		
11ACO11434 (7642014010108)	Sombrero Key to Dry Tortugas (LORAN-C)	180,000	<u>25</u>	<u>8/03</u>	NOS	1-94	41/03		
14XHA14886 (7642014010684)	Inland Route, Cheboygan to Conway (book of 12 charts)	Various	<u>11</u>	<u>6/03</u>	NOS	1-96	41/03		
14XHA14985 (7642014010722)	Saganaga Lake	42,240	<u>9</u>	<u>8/03</u>	NOS	1-96	41/03		
14XHA14988 (7642014010724)	Basswood Lake, Western Part	42,240	<u>10</u>	<u>8/03</u>	NOS	1-96	41/03		
16BHA16442 (7642014011306)	Kiska Harbor and Approaches	20,000	<u>7</u>	<u>8/03</u>	NOS	1-97	41/03		
16BCO16549 (7642014011275)	<u>Cold Bay and Approaches (LORAN-C)</u>	80,000	<u>15</u>	<u>7/03</u>	NOS	1-62,97	41/03		
	Inset: King Cove Harbor (Inset not shown on index)	5,000							
18ACO18400 (7642014011490)	Strait of Georgia and Strait of Juan De Fuca	200,000	<u>44</u>	<u>8/03</u>	NOS	1-98	41/03		
REGION 8									
81AHA81076 (7642014013793)	Saipan Harbor	12,000	<u>10</u>	<u>8/03</u>	NOS	8-22	41/03		
MISCELLANEOUS CHARTS AND PUBLICATIONS									
DNCDX001 (7644014408230)	South Atlantic Ocean		<u>18</u>	<u>7/03</u>	DS	10-43	41/03		
DNCDX005 (7644014482129)	Eastern Australia		<u>9</u>	<u>7/03</u>	DS	10-43	41/03		
DNCDX010 (7644014381568)	Middle East		<u>15</u>	<u>7/03</u>	DS	10-43	41/03		
DNCDX020 (7644014615837)	United Kingdom		<u>3</u>	<u>7/03</u>	DS	10-43	41/03		

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
D	10.75	F	9.00	H	2.50	R	2.50

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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For questions concerning the availability and distribution of announced charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS

PUB 120 2 Ed 2001 LAST NM 31/03

Page 25—Line 48/R to Page 28—Line 14/L; read:

The Australian Ship Reporting System (AUSREP)

The Australian Ship Reporting System (AUSREP) is compulsory for Australian-registered commercial vessels and for foreign vessels on voyages between Australian ports. All other vessels are encouraged to participate when within the AUSREP area.

The objective of the AUSREP system is to contribute to the safety of life at sea by:

1. Limiting the time between the loss of a vessel and the initiation of SAR action, in cases where no distress signal is sent out.
2. Limiting the search area for a SAR action.
3. Providing up-to-date information on all shipping resources available in the area, in the event of SAR action.

The AUSREP area, and Australian SAR region, covers the coast of Australia, as well as the coast of Antarctica between 75°E and 163°E, and extends N to approximately 6°S at its W limit and to 12°S at its E limit. The limits are best seen in the accompanying graphic.

The system is operated by the Australian Maritime Safety Authority (AMSA) through AusSAR, specifically the Rescue Coordination Center Australia (RCC Australia).

Telephone: AusSAR AUSREP
 +61(0)2 6230 6880
 AusSAR Maritime
 +61(0)2 6230 6811

Facsimile: +61(0)2 6230 6868
Address: P.O. Box 2181
 Canberra ACT 2601
 Australia

Internet: <http://www.amsa.gov.au/amsa/sar.htm>

The AUSREP/REEFREP Interface, a two-way automatic data exchange interface, has been implemented between the REEFREP Ship Reporting System and the existing AUSREP system. This will avoid the need for dual reporting by vessels when participating in the AUSREP and REEFREP systems and will enhance the information available in each system. Further information about REEFREP can be found in Pub. 127, Sailing Directions (Enroute) East Coast of Australia and New Zealand.

On departure from an Australian port or on entering the AUSREP area, the following procedures are applicable:

1. Masters are to send a Sailing Plan (SP) to RCC Australia.
2. A computerized plot is maintained of the vessel's estimated position.
3. Position updates can be done by either of the following methods:
 - a. Position Reports (PR) are sent to RCC Australia each day at the time that has been nominated by the vessel's master so that a report is received at least every 24 hours. Dates and times shall be in Coordinated Universal Time (UTC).

b. Masters may agree to their vessels being queried via INMARSAT-C which, when requested, will automatically send a PR.

4. On arrival at the destination or on final departure from the AUSREP area, a Final Report (FR) should be sent to RCC Australia.

5. Should a vessel at any time be in a position more than 2 hours steaming from the position that would be predicted from the last SP or PR, a Deviation Report (DR) should be sent to the MRCC.

6. All dates and times used in AUSREP reports are to be in Coordinated Universal Time (UTC).

Sailing Plan (SP).—The SP is sent up to 24 hours prior to joining the AUSREP system, with the following exceptions:

1. At ports within the REEFREP area, the SP must be sent prior to departure.

2. At other Australian ports, the SP may be sent up to 2 hours after departure.

3. When entering the system from sea at an ocean boundary, the SP may be sent 24 hours prior to entering the area or up to 2 hours after crossing the boundary.

The SP contains information necessary to initiate a plot and give an outline of the intended passage. If a vessel does not sail within 2 hours of the time stated in the SP, then that SP must be canceled and a new one sent.

In the case of a foreign vessel departing on an overseas voyage from an Australian port, if the Master does not intend to send AUSREP Position Reports, this fact must be indicated in the SP by the inclusion of the word NOREP in place of the nominated daily reporting time in Field N; amplifying remarks may be included in Field X. Under this option, RCC Australia will not undertake SAR action unless specific information is received which indicates an air search is warranted. However, a NOREP vessel must still comply with the mandatory REEFREP reporting requirements when the vessel enters the REEFREP area.

The AUSREP report format for an SP is given in the accompanying table.

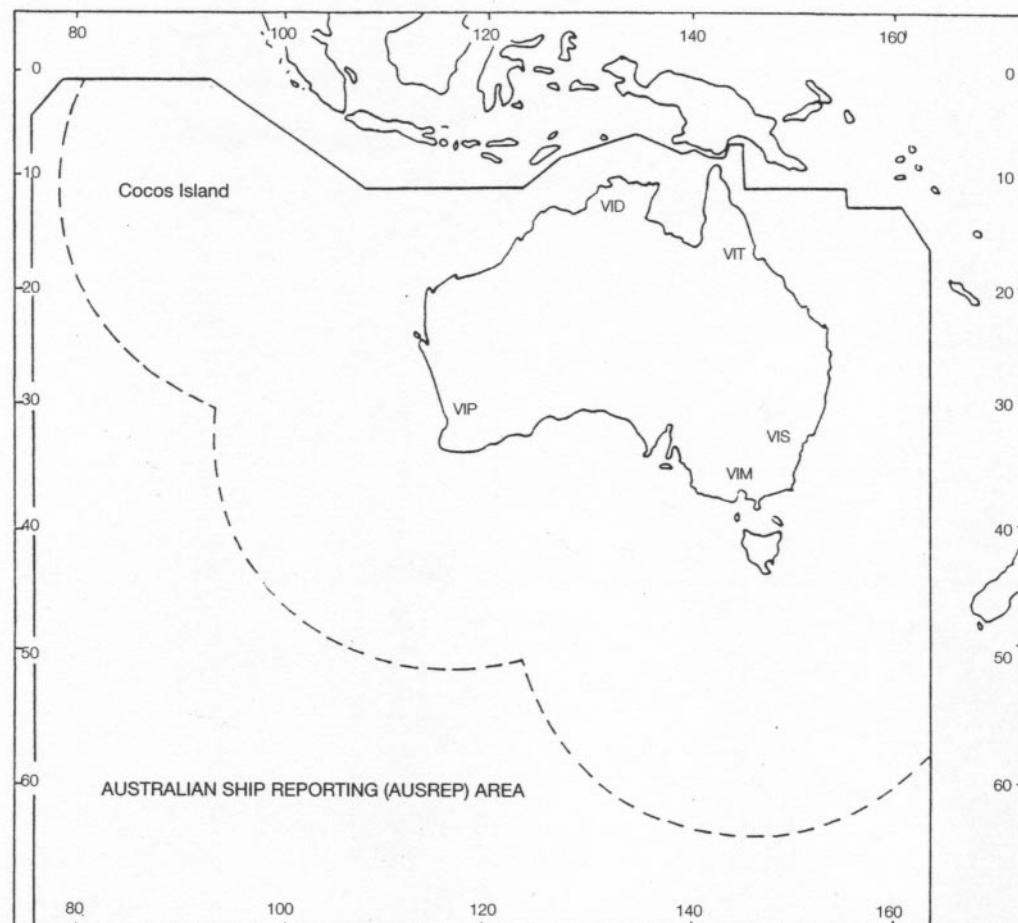
Position Report (PR).—The PR is sent at the Date/Time of Next Report as listed in Field N of the Sailing Plan. These reports must be sent between 2200 UTC and 0800 UTC at the nominated daily reporting time until and including the day of arrival in, or departure from, the AUSREP area. The interval between PRs should not exceed 24 hours.

The information contained in the PR will be used by RCC Australia to update the plot. The PR must reflect the position and course of the vessel at the designated reporting time. However, the speed should be the anticipated speed until the next report time.

The PR is normally automatically processed by RCC Australia, but may not be seen by an operator. If the PR contains important additional safety information that requires the immediate attention of the operator, the word ALERT should be placed in Field X of the PR.

The ETA at port of destination or AUSREP area boundary should always be confirmed in the last PR of a passage. It may also be amended in any PR whenever the Master is aware of a revised ETA.

PUB 120 (Continued)



The AMSA has introduced the use of INMARSAT-C polling as an option to replace the submission of PRs; polling is the preferred method of sending a PR to RCC Australia. Vessels can request RCC Australia to poll the vessel using INMARSAT-C by inserting the word POLL in Field N of the SP instead of nominating a Date/Time of Next Report. Polling involves RCC Australia sending a signal to the vessel's INMARSAT-C terminal to prompt an automatic position report, which includes the vessel's position, course, and speed. INMARSAT-C polling eliminates the need for a manual submission of the PR. Sailing Plans, Deviation Reports, and Final Reports must still be submitted as normal.

The AUSREP report format for a PR is given in the accompanying table.

Deviation Report (DR).—A DR must be sent to RCC Australia if a vessel, at any time, is in a position more than 2 hours steaming from that which would be predicted from the last SP or PR. A DR can also be sent when any other voyage details are altered.

Failure to send an appropriate DR may have a negative effect on SAR operations. If the vessel is in distress and has not sent out a distress message, the AUSREP procedures

may result in RCC Australia initiating an air search to locate the vessel. The search aircraft will start looking in the area related to the vessel's route and speed as indicated in the SP and subsequent PRs. If the vessel has not submitted a DR when there is a change in route and speed, the search aircraft may be unable to find any survivors. It is in the vessel's best interest to keep RCC Australia up-to-date on all voyage details.

The AUSREP report format for a DR is given in the accompanying table.

Final Report (FR).—An FR is sent, as follows:

- For vessels enroute overseas and departing the AUSREP area, the FR should be sent at the AUSREP boundary.

- For vessels ending a voyage at an Australian port within the REEFREP SRS area, the FR must be sent at the last REEFREP reporting point.

- For vessels ending a voyage at any other Australian port, the FR can be sent within 2 hour's steaming of the port or pilot station. Under no circumstances should the FR be sent more than 2 hours prior to arrival.

PUB 120 (Continued)

As an alternative, the FR may be telephoned to RCC Australia immediately after berthing, but not more than 2 hours after arrival. If it is known that the vessel is to anchor or berth where telephone facilities are not available, the FR should be sent via the appropriate coast radio station or INMARSAT-C.

The AUSREP report format for an FR is given in the accompanying table.

Overdue AUSREP Reports.—AUSREP is a positive reporting system. If a PR or an FR is not received by RCC Australia within 2 hours of the expected time, action is taken to determine the vessel's location and confirm the safety of the crew.

To avoid unnecessary search action it is most important that vessels report at the nominated reporting time each day and send their FR when leaving the AUSREP area. If a vessel is unable to pass a PR or an FR, all attempts must be made to pass a message to this effect through another vessel, a harbor, or other shore authority either by VHF, signaling lantern, or emergency transmitter.

The action taken by RCC Australia if a report is not received as expected will depend on the prevailing circumstances, but will generally include the following:

1. Internal checks to establish if the vessel's report has been received by RCC Australia.
2. For INMARSAT-equipped vessels, an attempt to contact the vessel directly.
3. Attempts to contact the vessel via HF DSC.
4. The listing of overdue vessels will be listed on CRS traffic lists to alert vessels to submit the overdue report.
5. When 6 hours overdue, a broadcast of the vessel's call sign, with REPORT IMMEDIATE preceding traffic lists, indicating concern due to non-receipt of the PR or FR.
6. Extensive communication checks with Australian and overseas CRS, owners, agents, and other ships are carried out to trace the last sighting or contact with the vessel.

7. When 21 hours overdue, the upgrading of the REPORT IMMEDIATE broadcast to the Urgency Signal PAN PAN indicator.

By the time 21 hours have elapsed, search planning will be in progress and details included in NAVAREA X and facsimile weather broadcasts. By the time the report is 24 hours overdue, positive SAR action will have been initiated to locate the vessel. It should be noted that resources available for an air search decrease with the distance from an Australian base and that the times may differ if the vessel is participating in INMARSAT-C polling.

Sending an AUSREP report.—AUSREP reports can be sent, as follows:

1. In an Australian port.—All reports should be made from the vessel directly to RCC Australia, in order to avoid delays that may be associated with using intermediate agencies. Collect telephone calls, facsimile messages, or INMARSAT-C may be used to send an SP or an FR.

2. Via INMARSAT.—Reports must be addressed RCC Australia and sent via the Pacific Ocean Region (POR) or Indian Ocean Region (IOR) satellites to Xantic Land Earth Station (LES) Perth. These procedures apply only to AUSREP messages. Calls are free of charge when submitted within the AUSREP area.

INMARSAT-C fitted vessels will not be charged for messages sent via INMARSAT-C if these procedures are followed: Select Special Access Code (SAC) 43 through Xantic LES Perth only; Pacific Ocean (222) or Indian Ocean (322).

INMARSAT-A, B, or M fitted Ship Earth Stations will be charged for messages sent via INMARSAT-A, B, or M to RCC Australia.

While participating in AUSREP, vessels should ensure that their INMARSAT equipment remains active in the LOGIN mode at all times.

The preferred method of submitting an AUSREP report is via INMARSAT-C using the previously-described polling option as opposed to sending the reports manually.

AUSREP Reporting Format					
Field	Meaning	Type of Report			
		SP	PR	DR	FR
A	Vessel name, call sign and IMO number.	X	X	X	X
B	Date/time of position.		X	X	
C	Position (latitude and longitude).		X	X	
E	Course.	R	X	A	
F	Speed (vessel's anticipated average speed, in knots and tenths of knots, until next report).	X/R	X	A	
G	Name of last non-Australian port of call.	A			
H	Date/time and point of entry into AUSREP area (point is either the Australian port of departure or the latitude/longitude of crossing the AUSREP area boundary).	X			
I	Next foreign (non-Australian) destination and ETA.	A		A	

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NM 41/03

PUB 120 (Continued)

AUSREP Reporting Format					
Field	Meaning	Type of Report			
		SP	PR	DR	FR
J	Coastal pilotage details: 1. Yes/no. 2. Last name of pilot. 3. License number of pilot.	R		A	
K	Date/time and point of exit from the AUSREP area (the point is either the latitude/longitude of crossing the area boundary or the Australian port at which the vessel is to arrive).	X		A	X
L	Route (vessel's intended track—state rhumb line or coastal, great circle, or composite with limiting latitude).	X/R		A	
M	Coast radio maritime communication stations monitored (include INMARSAT A and C numbers, if fitted).	X		A	
N	Date and time (UTC) of next report. (See Note 1 below.)	X	X	X	
O	Draft, fore and aft, in meters and tenths of meters.	R			
P	Cargo.	R		A	
Q	Defects or other limitations.	A		A	
R	Pollution (or reports of any seen).	A		A	
U	Vessel type, length (in meters), and gross tonnage.	R			
V	Medical personnel carried.	X			
X	Remarks.	A	A	A	X
Y	Request to relay a report to AMVER. (See Note 2 below.)	A			

Key:

- 1. X—Required field
- 2. R—Vessels transiting the REEFREP Ship Reporting System should also include these fields.
- 3. A—Include if appropriate.

Notes:

- 1. See text under Sailing Plan for vessels electing not to participate in the AUSREP system.
- 2. Place the word AMVER in Field Y; do not separate the letters in the word AMVER by spaces, as this may disrupt the computer processing. Masters should note that an AMVER report will only be forwarded if a vessel is in the AUSREP area and is currently participating in the AUSREP system.

(PUBS 023/03;

Aus Annual Notice No. 4A of 2003)

41/03

PUB 126 6 Ed 2002 LAST NM 32/03

Page 190—Lines 36 to 48/R; read:

Depths—Limitations.—The entrance between the reefs on either side is about 245m wide, but the navigable channel is reduced to about 0.1 mile by off-lying patches. The depths in the entrance are 19.2 to 37m.

A settlement on the NE side of the harbor offers two piers, the N of which is the main berthing facility. The pier is about 37m in length, with alongside depths of 3 to 4m. The pier is connected to the shore by a causeway 114m in length.

A light, and range lights in line bearing about 052°, mark the harbor; the range may be difficult to locate in the low morning sun.

Anchorage.—Anchorage may be taken, in about 24m, coral sand, poor holding ground, in the center of the harbor.
(33(3512)03 Taunton)

PUB 147 7 Ed 2001 LAST NM 40/03

Page 21—Line 30/R; insert after:

Part of the channel is used by seaplanes, as seen on the chart.

(BA NP 70, Supp. 3/02)

41/03

Page 22—Line 1/L; read:

Two bridges, with a maximum vertical clearance of 21m, span the channel from Potter Cay to Paradise Island.

(BA NP 70, Supp. 3/02)

41/03

Page 46—Line 7/R; insert after:

Regulations.—Vessels with a cargo capacity of 150 tons or more are prohibited from an area along the coast, from a

41/03

SECTION II

NM 41/03

PUB 147 (Continued)

point 3 miles NW of Punta Maya extending NE to a point 4 miles NW of Cayo Piedras del Norte, as seen on the chart.

All vessels loading or discharging cargo, including coastal trade, must follow local regulations. Vessels in regular trade between Matanzas and Cardenas must keep in constant contact with the coast radio station while in transit.

(BA NP 70, Supp. 3/02) 41/03

Page 51—Line 37/L; insert after:

A dangerous wreck has been reported W of Puerto Carupano about 0.5 mile NE of Punta La Morena.

(BA NP 70, Supp. 3/02) 41/03

Page 51—Line 54/L; insert after:

The quarantine anchorage is E of Cayo Juan Claro. Up to three vessels 170m in length can anchor, in depths of 5 to 7m.

A stranded wreck is located in the NW part of the quarantine anchorage as seen on the chart.

(BA NP 70, Supp. 3/02) 41/03

PUB 154 8 Ed 2002 LAST NM 30/03

Page 21—Lines 13 to 15/R; read:

A submarine pipeline extends about 0.4 mile seaward, close NE of the ferry landing. Several radio towers stand close W of the ferry landing. A marina is situated close N of the public wharf.

(BA NM 35/03) 41/03

Page 21—Line 31/R; insert after:

A submarine pipeline runs from 0.3 mile W of Little Shell Island through the harbor into Blue Heron Basin.

(BA NM 35/03) 41/03

PUB 160 2 Ed 2002 LAST NM 39/03

Page 28—Line 50/L; read:

each day between 2200 UTC and 0800 UTC at the time that has been nominated by the

(PUBS 023/03) 41/03

Page 28—Line 35/R; read:

reports must be sent between 2200 UTC and 0800 UTC at the nominated daily reporting time until

(PUBS 023/03) 41/03

Page 28—Line 43/R; insert after:

The PR is normally automatically processed by RCC Australia, but may not be seen by an operator. If the PR contains important additional safety information that requires the immediate attention of the operator, the word ALERT should be placed in Field X of the PR.

(PUBS 023/03) 41/03

Page 28—Line 49/R; read:

as an option to replace the submission of PRs; polling is the preferred method of sending a PR to RCC Australia. Vessels

can

(PUBS 023/03)

41/03

Page 30—Line 12/R; read:

INMARSAT-C may be used to send an SP or an FR.

(PUBS 023/03)

41/03

Page 30—Lines 15 to 16/R; read:

Indian Ocean Region (IOR) satellites to Xantic Land Earth Station (LES) Perth. These procedures apply only to

(PUBS 023/03)

41/03

Page 30—Line 22/R; read:

Xantic LES Perth only; Pacific Ocean (222) or Indian Ocean (322).

(PUBS 023/03)

41/03

Page 30—Line 30/R; read:

via INMARSAT-C using the previously-described polling option as opposed to sending the reports manually.

(Aus Annual Notice No. 4A of 2003)

41/03

PUB 163 8 Ed 2002 LAST NM 40/03

Page 19—Lines 51 to 57/R; read:

Restricted and Prohibited Areas.—The platforms and well heads in Kakap Oil Field are contained within the restricted area, best seen on the chart; unauthorized vessels should not enter this area. Vessels are not allowed to enter a prohibited area within a radius of 1 mile from the SPM buoy and 500m from the well head platform without the Berthing Master onboard.

Anoa Natuna Marine Terminal ($5^{\circ}13'N$, $105^{\circ}36'E$) consists of a lighted production platform and a floating production, storage, and off-loading vessel (FPSO), which is anchored 1 mile SE. They are connected by a submerged pipeline. A pipeline also runs from the facility to Jurong Island S of Singapore. The FPSO vessel is 182m in length and can accommodate tankers of 160,000 dwt in tandem.

The terminal operates 24 hours a day, but operations may be terminated in the event of adverse weather.

Pilotage.—Pilotage is compulsory. A Berthing Master boards within the anchorage area, radius 0.75 mile, centered on position $5^{\circ}12'N$, $105^{\circ}38'E$. Mooring is restricted to daylight hours only. Vessels may unmoor at any time.

(BA NM 33/03)

41/03

Page 319—Lines 31 to 33/L; read:

Pilotage.—Pilotage is compulsory for merchant vessels over 30m in length using the deep-water entrance channel. Pilots are boarded in position $5^{\circ}04.7'N$, $115^{\circ}06.3'E$, which lies approximately 0.7 mile NW of Lighted Beacon No. 1AW.

(BA NM 32/03, Section VI)

41/03

PUB 171**7 Ed 2001****LAST NM 26/03**

Page 12—Line 54/R; insert after:

Sable Oil Field ($35^{\circ}12'S.$, $21^{\circ}19'E.$) consists of a storage tanker connected to four wells. Oribi Oil Field and Oryx Oil Field are situated 10 miles E of Sable Oil Field. A submarine pipeline links Oryx Oil Field, where there is a floating production platform and tanker mooring buoy; a storage tanker is secured to the buoy for the greater part of the year.

The oil fields lie within areas in which anchoring and fishing are prohibited. Lights are exhibited and fog signals sounded from the platform, the storage tanker, and the mooring buoy.

(BA NM 35/03, Section IV)

41/03

- d. $2^{\circ}51.0'N$, $95^{\circ}13.9'E.$
- e. $1^{\circ}55.0'N$, $96^{\circ}29.0'E.$

This prohibited area does not apply to foreign vessels supporting offshore terminals. Mariners should consult with local authorities for further information.

Caution.—The coastline is deeply indented, forming numerous bays, none of which, however, N of **Sibolga** ($1^{\circ}44'N.$, $98^{\circ}46'E.$), afford complete shelter during the SW monsoon. There are many visible and sunken dangers off the coast, but N of **Ujung Raja** ($3^{\circ}44'N.$, $96^{\circ}31'E.$), they do not extend to any great distance. South of that point they extend from 20 to 30 miles.

(BA NM 34/03, Section IV)

41/03

PUB 174**8 Ed 2000****LAST NM 40/03**

Page 25—Lines 41 to 47/L; read:

Pilotage.—Pilotage is compulsory for all the ports of the Republic of Indonesia where pilots are available. Signals for a pilot are in accordance with the International Code of Signals.

Indonesia has implemented the IALA Maritime Buoyage System. In some areas, however, obsolete systems may still exist.

Regulations.—An extensive prohibited area, in which fishing and other activities not associated with the innocent passage of foreign vessels, has been established off the coastline of NW Sumatera to a line joining the following positions:

- a. $5^{\circ}43.2'N$, $94^{\circ}46.5'E.$
- b. $5^{\circ}51.0'N$, $94^{\circ}46.7'E.$
- c. $6^{\circ}13.5'N$, $94^{\circ}59.5'E.$
- d. $6^{\circ}16.0'N$, $95^{\circ}10.1'E.$
- e. $5^{\circ}40.4'N$, $96^{\circ}00.5'E.$
- f. $5^{\circ}29.0'N$, $96^{\circ}49.4'E.$
- g. $5^{\circ}29.2'N$, $97^{\circ}33.5'E.$
- h. $5^{\circ}01.0'N$, $98^{\circ}03.4'E.$
- i. $4^{\circ}33.8'N$, $98^{\circ}25.9'E.$

This prohibited area does not apply to foreign vessels supporting offshore terminals. Mariners should consult with local authorities for further information.

Islands off the North Coast of Sumatera

(BA NM 34/03, Section IV)

41/03

Page 59—Lines 23 to 35/R; read:

Pilotage.—Pilotage is compulsory for all the ports of the Republic of Indonesia at which pilots are available.

Experience has shown that little confidence should be placed in the natives who offer themselves as pilots on the W coast of Sumatera for ports seldom visited. Signals for a pilot are in accordance with the International Code of Signals.

Regulations.—An extensive prohibited area, in which fishing and other activities not associated with the innocent passage of foreign vessels, has been established off the coastline of NW Sumatera to a line joining the following positions:

- a. $5^{\circ}43.2'N$, $94^{\circ}46.5'E.$
- b. $4^{\circ}48.0'N$, $95^{\circ}10.0'E.$
- c. $2^{\circ}57.0'N$, $95^{\circ}11.0'E.$

PUB 192**8 Ed 2003****LAST NM 40/03**

Page 114—Line 21/R; read:

1. All vessels carrying oil, gas, or chemicals (fully loaded, partially loaded, or empty but not gas-free), irrespective of length, with a Belgian destination and all other ocean-going vessels with a Belgian destination

(BA NP 286)

41/03

Page 119—Lines 25 to 26/R; read:

Caution.—Vessels must exercise extreme caution when navigating within **Rede van Vlissingen**. In addition to the regular inbound and outbound traffic, large double-ended ferries ply between Breskens, on the S side of the river, and Vlissingen (Flushing). Vessels also maneuver to change pilots or enter the nearby anchorages in this area. On occasion, large vessels departing the anchorages in Everingen ($51^{\circ}23'N.$, $3^{\circ}47'E.$) need to turn in **Rede van Vlissingen** prior to continuing their passage upriver.

(BA NP 28; Belg NM 5/03)

41/03

PUB 195**7 Ed 2002****LAST NM 33/03**

Page 17—Line 9/R; read:

Finland. These include a TSS lying centered 20 miles SW of Russaro Light ($59^{\circ}46'N.$, $22^{\circ}57'E.$), a TSS lying centered 7.5 miles SSE of Porkkala Light ($59^{\circ}52'N.$, $24^{\circ}18'E.$), a TSS lying centered 8 miles S of Helsinki Light ($59^{\circ}57'N.$, $24^{\circ}56'E.$), and a TSS lying centered 6 miles SSE of Kalbadagrund Light ($59^{\circ}59'N.$, $25^{\circ}36'E.$). In addition, a Precautionary Area lies centered 12 miles SW of Helsinki Light. All of the above schemes and areas may best be seen on the (Fin NM 17/03)

41/03

PUB 200**4 Ed 2002****LAST NM 34/03**

Page 70—Line 16/L; read:

each day between 2200 UTC and 0800 UTC at the time that has been nominated by the

(PUBS 023/03)

41/03

Page 71—Line 18/L; read:

reports must be sent between 2200 UTC and 0800 UTC at the nominated daily reporting time until

(PUBS 023/03)

41/03

PUB 200 (Continued)

Page 71—Line 26/L; insert after:

The PR is normally automatically processed by RCC Australia, but may not be seen by an operator. If the PR contains important additional safety information that requires the immediate attention of the operator, the word ALERT should be placed in Field X of the PR.

(PUBS 023/03)

41/03

Page 71—Line 32/L; read:

as an option to replace the submission of PRs; polling is the preferred method of sending a PR to RCC Australia. Vessels can

(PUBS 023/03)

41/03

Page 72—Line 9/L; read:

INMARSAT-C may be used to send an SP or an FR.

(PUBS 023/03)

41/03

Page 72—Lines 12 to 13/L; read:

Indian Ocean Region (IOR) satellites to Xantic Land Earth Station (LES) Perth. These procedures apply only to

(PUBS 023/03)

41/03

Page 72—Line 4/R; read:

Xantic LES Perth only; Pacific Ocean (222) or Indian Ocean (322).

(PUBS 023/03)

41/03

Page 72—Lines 11 to 17/R; read:

The preferred method of submitting an AUSREP report is via INMARSAT-C using the previously-described polling option as opposed to sending the reports manually.

(Aus Annual Notice No. 4A of 2003)

41/03

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
36755	- Channel Buoy 14A	40 33 17 N 74 14 31 W				Red nun.	*

41/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
18990	LUSBY POINT JUNCTION LIGHT	38 20 04 N 76 26 50 W	Fl (2+1) G 6s	15	3	JG on pile.	*
							41/03
19405	- Channel Daybeacon 3					SG on pile.	*
							41/03
19415	- CHANNEL LIGHT 7		Q G	15	3	SG on pile.	*
							41/03
19420	- Channel Daybeacon 9					SG on pile.	*
							41/03
19430	- Channel Daybeacon 10						Remove from list.
							*
21720	- LIGHT 9		Fl G 4s	15	4	SG on pile.	*
							41/03
23370	- CHANNEL LIGHT 5		Fl G 4s	16	4	SG on pile.	*
							41/03
23920	- CHANNEL LIGHT 45	38 20 23 N 75 40 12 W	Fl G 4s	15	4	SG on multi-pile structure.	*
							41/03
23980	- LIGHT 6		Q R	15	3	TR on pile.	Light equipment removed from Dec. 1 to Mar. 15.
							*
							41/03
24465	HEARNS COVE CHANNEL LIGHT 3	38 16 23 N 76 05 36 W	Fl G 4s	15	4	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
							*
							41/03
24470	HEARNS COVE CHANNEL LIGHT 5		Fl G 6s	15	4	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
							*
							41/03
24515	MIDDLE ISLAND BRIDGE WEST CHANNEL LIGHT 1	38 17 42 N 76 12 48 W	Fl G 4s	15	4	SG on pile.	*
							41/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
24545	- CHANNEL LIGHT 15		Fl G 6s	15	4	SG on multi-pile structure.	
					*		41/03
24550	- CHANNEL LIGHT 17	38 21 04 N 76 13 05 W	Fl G 4s	15	4	SG on pile.	
					*		41/03
24600	- CHANNEL LIGHT 5	38 20 49 N 76 14 51 W	Fl G 6s	15	4	SG on multi-pile structure.	Light equipment removed from Dec. 1 to Mar. 15.
					*		41/03
24610	- CHANNEL LIGHT 7	38 20 39 N 76 14 09 W	Fl G 4s	15	4	SG on multi-pile structure.	Light equipment removed from Dec. 1 to Mar. 15.
					*		41/03
24730	- LIGHT 9		Fl G 4s	15	4	SG on multi-pile structure.	
					*		41/03
25940	- EAST CHANNEL LIGHT 3	38 42 35 N 76 19 25 W	Fl G 4s	15	4	SG on multi-pile structure.	
					*		41/03
26200	- LIGHT 7		Fl G 4s	15	5	SG on multi-pile.	
					*		41/03
Cox Creek							
26265	- LIGHT 2CC	38 53 56 N 76 18 51 W	Fl R 2.5s	15	4	TR on pile.	Higher intensity beam down the channel. Light equipment removed from Dec. 1 to Mar. 15.
					*		41/03
CHESTER RIVER (Chart 12272)							
Kent Island Narrows							
26345	- LIGHT 1K	38 57 14 N 76 14 36 W	Fl G 4s	18	4	SG on pile.	Higher intensity down channel.
					*		41/03
26460	- CHANNEL LIGHT 13		Fl G 4s	15	4	SG on pile.	
					*	*	41/03
27470	- LIGHT 9		Fl G 6s	18	4	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
				*	*		41/03
28165	- Channel Daybeacon 47						Remove from list.
							*
							41/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
28280	- LIGHT 18		Fl R 4s	15	3	TR on pile.	Light equipment removed when endangered by ice. Ra ref.
					*		41/03
28715	- SOUTH FERRY TERMINAL LIGHT 7	35 11 30 N 75 46 50 W	Fl G 4s	15	4	SG on pile.	Ra ref.
					*		41/03
30990	- LIGHT 6		Fl R 4s	16	2	TR on pile.	
					*		41/03
*31393	- Entrance Warning Daybeacon A					NW on pile worded DANGER SUBMERGED ROCKS.	
							41/03
32770	- LIGHT 7		Fl G 4s	15	4	SG on pile.	
					*		41/03
33605	- LIGHT 1		Fl G 4s	16	4	SG on pile.	
					*		41/03
*37047	- Entrance Warning Daybeacon A					NW on pile worded DANGER SUBMERGED ROCKS.	
							41/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
TAMPA BAY (Chart 11416)							
Tampa Bay							
Cut G Channel							
23655	<i>Cut G Preferred Channel</i> Lighted Buoy G	27 47 04 N 82 31 23 W	Fl (2+1) G 6s		3	Green and red bands.	
				*			41/03
Fort George River							
38275	- Daybeacon 2	30 26 47 N 81 26 42 W				TR on pile.	
				*			41/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
730	Mobil-GC-18A RACON						Remove from list.

*

41/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*3243	- Lighted Buoy WR13A		Q G		3		41/03
4075 31570	- NAVY RANGE FRONT LIGHT	30 20 04 N 87 18 59 W	Fl G 2.5s Fl G 2.5s	34 36		KRW on skeleton tower on piles. Visible all around; higher intensity on range line.	*
					*		*
							41/03
BARATARIA BAY AND APPROACHES (Chart 11358)							
15250	QUATRE BAYOU PASS ENTRANCE LIGHT	29 18 38 N 89 51 21 W	Fl W 6s	17	6	NG on dolphin.	Red sector visible from 340° to 070°.
		*			*		41/03
23830	LOWER RED LIGHT BEND INBOUND RANGE REAR LIGHT 70 yards, 276.8° from front light.		Iso G 6s	29		KRW on skeleton tower on piles. Visible each side of rangeline.	
	*			*			*
							41/03
23835	LOWER RED LIGHT BEND OUTBOUND RANGE FRONT LIGHT	29 41 58 N 94 59 51 W	Q R	19		KRW on skeleton tower on piles. Visible all around; higher intensity on rangeline.	
	*			*			*
							41/03
23837	LOWER RED LIGHT BEND OUTBOUND RANGE FRONT PASSING LIGHT					Remove from list.	
							*
							41/03
23840	LOWER RED LIGHT BEND OUTBOUND RANGE REAR LIGHT 174 yards, 096.8° from front light.		Iso R 6s	29		KRW on skeleton tower on piles. Visible all around; higher intensity on rangeline.	
	*			*			*
							41/03
28100	- RANGE FRONT LIGHT	26 33 29 N 97 25 32 W	Q R	26		KRW on tower on piles.	Visible 2° each side of rangeline.
					*		41/03
28360 40750	- RANGE A FRONT LIGHT	26 01 51 N 97 13 32 W	Q W Q W	33	6	KRW-I on skeleton tower.	Visible all around; higher intensity on range line.
	*			*			41/03
31570 4075	- NAVY RANGE FRONT LIGHT	30 20 04 N 87 18 59 W	Fl G 2.5s Fl G 2.5s	34 36		KRW on skeleton tower on piles. Visible all around; higher intensity on rangeline.	
					*		*
							41/03
40750 28360	- RANGE A FRONT LIGHT	26 01 51 N 97 13 32 W	Q W Q W	33	6	KRW-I on skeleton tower.	Visible all around; higher intensity on range line.
	*			*			41/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
575 8650	<i>Rogue River Approach Lighted Whistle Buoy R</i>	42 23 38 N 124 28 35 W	Mo (A) W		6	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather. * 41/03
715 15170	<i>Willapa Bay Approach Lighted Whistle Buoy W</i>	46 44 00 N 124 11 00 W	Mo (A) W		6	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather. * 41/03
2871	- <i>Lighted Mooring Buoy</i>	33 44 54 N 118 10 09 W	Fl W 2s			White with blue band.	Private aid. * 41/03
3296	- <i>Lighted Mooring Buoy B</i>	33 42 40 N 118 16 13 W	Fl W 4s			White spherical buoy with blue band.	Private aid. * 41/03
5745	- <i>Daybeacon 16</i>					Red nun.	 * 41/03
CAPE SEBASTIAN TO HUMBUG MOUNTAIN (Chart 18601)							
Rogue River							
8650 575	- <i>Approach Lighted Whistle Buoy R</i>	42 23 38 N 124 28 35 W	Mo (A) W		6	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather. * 41/03
15170 715	- <i>Approach Lighted Whistle Buoy W</i>	46 44 00 N 124 11 00 W	Mo (A) W		6	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather. * 41/03
15790	- <i>NORTH CHANNEL RANGE F REAR LIGHT 370 yards, 273.9° from front light.</i>		Iso W 6s	45		KRB on pile structure.	Visible 5.5° each side of rangeline. * 41/03
*28675.1	<i>WOKAPU PENINSULA WECB LIGHT F</i>	21 27 55 N 157 45 03 W	Fl Y 4s	27		Yellow steel tripod.	Private aid. * 41/03

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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GOLFO DE MORROSQUILO:

16672 -Punta de Piedra. <i>J 6153.9</i>	9° 25.1' N 75° 39.1' W	Fl.(3)W. period 20s	115 35	25	White tower.	*	41/03
16688 Isla del Tesoro. <i>J 6160</i>	10° 14.2' N 75° 44.4' W	Fl.(3)W. period 12s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 2.4s fl. 0.8s, ec. 6s	112 34	15	White tower, red bands,	*	41/03
16692 Bahia de Barbacoas. <i>J 6158</i>						Remove from list.	
16725.51 -1 ENAP, rear, about 110 meters 000° from front. <i>J 6167.66</i>	10° 23.4' N 75° 31.8' W	Q.Y.	72 22	10	White tower, red bands.	*	41/03

PUERTO DE NUEVA PALMIRA:

19305 -S. pier, S. end. <i>G 0771</i>	33° 53.1' S 58° 25.4' W	Fl.W.R. period 5s fl. 0.5s, ec. 4.5s	33 10	W. 11 R. 8	Red metal framework tower, black bands; 20.	R. 342°-021°, W.-180°. FR on platform 1.7M N.	*
19306 -N. pier, N. end. <i>G 0772</i>	33° 52.7' S 58° 25.4' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	26 8	5	Green tower; 11.		41/03

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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*Delete Heading:
*BAHIA CONCON:

1253 -Head, Molo de Abrigo. <i>G 1881</i>						Remove from list.	
1253.5 -Molo de Abrigo. <i>G 1881.2</i>							*

*Add Heading:
*BAHIA CONCON:

1254 -Club De Yates Higuerilla. <i>G 1880.5</i>	32° 55.8' S 71° 32.4' W	Fl.R.	33 10	4	STARBOARD (B) R, tower; 11.		41/03
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SECTION II

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1516 <i>G 1734</i>	-Corral, Muelle Fiscal de Pasajeros, head.	39° 53.0' S 73° 25.5' W	Fl.(2)R. period 6s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s	20 6	6	Red fiberglass pillar; 9.	Visible 212°-307°.
				*		*	41/03
10868 <i>K 3491.2</i>	-Tavanatangir Harbor, No. "2".	4° 48.5' S 151° 40.4' E	Fl.(2)R. period 8s	16 5	4	Beacon.	
				*			41/03
10872 <i>K 3486</i>	-Kimbe Island.	5° 12.3' S 150° 22.7' E	Fl.(3)W. period 10s	360 110	10	White hut; 11.	
				*			41/03
10880 <i>K 3484</i>	-Cape Hollman.	4° 59.8' S 150° 05.7' E	Fl.W. period 6s	110 34	10	Steel framework tower; 62.	Visible 080°-276°.
				*			41/03

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4308 <i>F 6555.2</i>	Ogati Ko Range, front.	38° 31.3' N 141° 28.4' E	F.G.	148 45	10	White round concrete structure; 36.	
		*		*			41/03
4312 <i>F 6555.21</i>	Rear, 137 meters 315° from front.	38° 31.4' N 141° 28.3' E	F.G.	190 58	10	White round concrete structure; 26.	
		*		*			41/03
*19556.7 <i>F 3521.922</i>	Hei Ling Chau beacon.	22° 14.5' N 114° 02.4' E	Fl.(2)W. period 10s	20 6	5	ISOLATED DANGER BRB, beacon, topmark.	
							41/03
29952 <i>D 7368</i>	Creagh Shoal Buoy.	24° 43.1' N 52° 43.0' E	Q.(9)W. period 15s			W. CARDINAL YBY, pillar, topmark.	
	RACON		C(- • - •)			(3 & 10cm)	
	*	*	*	*	*	*	*
29956 <i>D 7369</i>	Dalma Light Buoy.	24° 32.4' N 52° 27.7' E	Q.(9)W. period 15s			W. CARDINAL YBY, pillar, topmark.	
	RACON		N(- •)			(3 & 10cm)	
	*	*	*	*	*	*	*

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2632 <i>D 1736</i>	Cabo Villano.	43° 09.6' N 9° 12.7' W	Fl.(2)W. period 15s fl. 0.5s, ec. 3.5s fl. 0.5s, ec. 10.5s	341 104	28	Grayish yellow octagonal tower, white cupola; 82.	Visible 031°30'-228°30'. Siren: Mo.(V) ev. 60s (bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 6s, si. 39s).
RACON			M(-)		35		(3 & 10cm)
						*	41/03
-El Puerto:							
5076 <i>E 0299.2</i>	--Dique Norte, outer spur, head.	39° 54.1' N 3° 05.2' E	Fl.(2)G. period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	19 6	5	Green truncated conical tower; 16.	
*		*	*		*		41/03
5080 <i>E 0300.2</i>	--N. breakwater, head.	39° 54.3' N 3° 05.1' E	Fl.(3)R. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	7 2	1	Red column; 1.	
*		*	*	*	*	*	41/03
5084 <i>E 0300</i>	--S. breakwater, head.	39° 54.3' N 3° 05.2' E	Fl.(3)R. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	7 2	1	Red column; 1.	
*		*	*		*	*	41/03
6996 <i>E 0782</i>	-Pointe de Bertaud, wharf, head.						Remove from list.
						*	41/03
*Add Heading: *GOLFE DE ST. TROPEZ:							
7000 <i>E 0778</i>	-Sainte Tropez, jetty, head.	43° 16.3' N 6° 38.0' E	Oc.(2)W.R. period 6s lt. 3s, ec. 1s lt. 1s, ec. 1s	23 7	W. 13 R. 9	Gray pylon, white top.	W. 228°-245°, R. elsewhere.
							41/03
*17106 <i>E 4903.45</i>	-Yenikapi, breakwater, head.	40° 59.9' N 28° 57.6' E	Fl.(2)R. period 5s	30 9	8	White metal framework tower; 19.	
							41/03
*19470 <i>E 5800.5</i>	-E.	41° 21.6' N 36° 42.5' E	2 Fl.Y. period 3s fl. 1s, ec. 2s	43 13	7	Yellow metal column; 39.	Marks pipeline.
							41/03
24524 <i>D 3058</i>	-Ilheu dos Passaros, near Canal do Geba.	11° 49.2' N 15° 35.5' W	Fl.W. period 5s fl. 1s, ec. 4s	56 17	9	White square masonry tower; 42.	
*		*	*				41/03

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
24540 <i>D 3060</i>	--Entrance Range, front.	11° 51.4' N 15° 34.9' W	L.FIG. period 7s fl. 2s, ec. 5s	43 13	4	Metal white quadrangular tower.	
		*	*				41/03
24544 <i>D 3060.1</i>	--Rear, about 320 meters 346° from front.	11° 51.6' N 15° 35.0' W	L.FIG. period 7s fl. 2s, ec. 5s	118 36	4	N. tower of cathedral.	
		*	*				41/03
*24545 <i>D 3059</i>	-Dicol Oil Jetty.	11° 50.2' N 15° 35.4' W	2 Iso.R. period 4s			1 on each corner.	
							41/03
24576 <i>D 3074</i>	-Ilha das Cobras, N. point.	11° 38.5' N 15° 28.7' W	Fl.W. period 5s fl. 1s, ec. 4s	33 10	9	White column on white stone tower; 33.	
		*					41/03
25548 <i>D 4400</i>	-Quissanga.					Remove from list.	
						*	41/03
25549 <i>D 4600</i>	-Selonga Range, front.					Remove from list.	
						*	41/03
25549.1 <i>D 4600.1</i>	-Sacra-Ambaca, rear, 064°30' from front.					Remove from list.	
						*	41/03
25550 <i>D 4616</i>	-Libulu Range, front.					Remove from list.	
						*	41/03
25550.5 <i>D 4616.1</i>	--Rear, 400 meters 141° from front.					Remove from list.	
						*	41/03
25551 <i>D 4630</i>	-Rocha Libulu.					Remove from list.	
						*	41/03

CORRECTIONS TO PUB 113, RADIOBEACONS, 2002 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
210	Cabo Villano Light Station					Remove from list.	
						*	41/03

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Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
11704 <i>L 2966</i>	Nusfjord, on Bonesodden.	68° 01.7' N 13° 21.6' E	Oc.W.R.G. period 6s	36 11	W. 9 R. 7 G. 6	White lantern.	R. 160°30'-163°30', W.-275°, G.-300°, W.-343°, R.-017°.
					*	*	41/03
11708 <i>L 2968</i>	Skjelfjord, on Hysskjaeret.	68° 02.5' N 13° 14.9' E	Oc.(2)W.R.G. period 10s	23 7	W. 5 R. 3 G. 3	White lantern on stone beacon.	G. 306°30'-359°30', W.-003°, R.-014°, G.-132°, R.-172°, W.- 306°30'.
					*	*	*
11712 <i>L 2970</i>	Skjelfjordrenna Range, front.						Remove from list.
							*
11714 <i>L 2970.1</i>	-Rear, 101 meters 324° from front.						Remove from list.
							*
11716 <i>L 2972</i>	Sund, Grimsholmen, S. side.	67° 59.9' N 13° 12.3' E	Oc.W.R.G. period 6s	40 12		White lantern on stone beacon.	R. 313°-329°, W.-010°, G.-139°, W.-147°, R.-204°. F.R. and G., Fl.R. and G. lights on dolphins mark channel from Flakstad to Moskenoy. R. to north, G. to south.
					*	*	41/03
11720 <i>L 2974</i>	-Kakern.	68° 01.2' N 13° 11.1' E	Oc.W.R.G. period 6s	36 11	W. 9 R. 7 G. 6	White lantern.	G. 324°-344°, W.-348°30', R.- 116°30', G.-173°.
					*	*	*
11728 <i>L 2980</i>	Olnilsoy, S. point.	67° 56.2' N 13° 06.7' E	Oc.W.R.G. period 6s	46 14	W. 5 R. 4 G. 3	White lantern on base.	G. 236°-255°, W.-267°, R.-345°, W.-356°, G.-024°, R.-106°, W.-140°.
					*	*	*
							41/03
REINE:							
11732 <i>L 2982</i>	-Fiskskjaeret.	67° 56.0' N 13° 07.0' E	Oc.(3)W.R.G. period 10s	24 7	W. 9 R. 6 G. 6	White lantern on piles, stone base. Floodlit.	W. 091°-174°, G.-197°, R.-219°, G.-322°, W.-333°, R.-008°, G.-015°. Obscured by bridge 197°-219°.
					*	*	*
11736 <i>L 2983</i>	-Reinerenna, S.W. side.	67° 56.2' N 13° 05.3' E	Iso.R. period 2s	10 3	2	Dolphin.	
*	*	*	*	*	*	*	41/03
*11737 <i>L 2983.2</i>	--S.E. side.	67° 56.2' N 13° 05.3' E	Iso.R. period 2s	10 3	2	Dolphin.	
							41/03
11740 <i>L 2984</i>	-Inner harbor Range, front.	67° 56.0' N 13° 05.0' E	F.R.	20 6	6	Mast.	
*					*	*	41/03

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SECTION II

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
11752 <i>L 2990</i>	Glapen.	67° 53.2' N 13° 02.3' E	Oc.W.R. period 6s	145 44	W. 15 R. 12	White wooden house; 24.	R. 203°-220°, W.-034°, R.-051°. *
11774 <i>L 2994.3</i>	Moskenesoy, mole, head.	67° 52.8' N 12° 59.5' E	Iso.R. period 4s	26 8	2	Floodlit.	41/03
11816 <i>L 3002</i>	-Sorlandsvag, E. side of bight.	67° 39.0' N 12° 43.0' E	Oc.(2)W.R.G. period 8s	23 7	W. 10 R. 9 G. 7	White lantern on concrete column.	R. 314°-353°, W.-358°, G.-039°, W.-122°. *
						*	41/03
	ROST:						
11820 <i>L 3008</i>	-Kvalneset.	67° 38.3' N 12° 41.7' E	Oc.(3)W.R.G. period 10s	43 13	W. 6 R. 4 G. 4	White hut on concrete base.	G. 230°-242°, R.-346°, W.-018°, G.-045°, W.-045°30', R.- 065°30', W.-067°30', G.-072°, R.-097°. *
						*	41/03
11824 <i>L 3006</i>	-Elsneset.	67° 38.7' N 12° 33.7' E	Fl.W.R.G. period 5s fl. 1s, ec. 4s	69 21	W. 9 R. 6 G. 6	White lantern on concrete column.	R. 337°-002°30', G.-012°, W.- 017°, R.-033°30', W.-083°, G.-095°, W.-112°, R.-123°30', W.-136°, G.-147°, W.-151°, R.-185°30'. *
						*	41/03
11832 <i>L 3012.4</i>	-Andbakskaer.	67° 31.0' N 12° 12.0' E	Fl.W.R.G. period 5s fl. 0.5s, ec. 4.5s	35 11	W. 6 R. 4 G. 4	Metal column.	G. 071°-133°, R.-175°, W.-071°. *
						*	41/03

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7352 <i>C 7534</i>	Listershuvud, E. point.	56° 02.1' N 14° 46.8' E	Fl.(4)W.R.G. period 12s	38 12	W. 9 R. 6 G. 5	White octagonal hut on concrete base.	G. 152°-194°18', W.-207°42', R.-229°, G.-246°54', W.- 274°18', R.-286°, G.-319°, W.-349°30', R.-004°, G.- 017°. *
*8022 <i>C 7321</i>	-Boko Range, front.	57° 07.0' N 16° 33.7' E	Q.R.		*	*	41/03
*8022.1 <i>C 7321.1</i>	- -Rear, 011° from front.	57° 07.1' N 16° 33.7' E	Oc.R. period 6s				41/03
8024 <i>C 7322</i>	-Jatterson Range, front.					Remove from list.	
						*	41/03

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SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8028 C 7322.1	-Rear, 235 meters	189°30' from front.					Remove from list.
9868	Aurgrund. C 7170	57° 55.3' N 19° 02.4' E	Fl.W.R.G. period 9s	41 12	W. 8 R. 6 G. 5	White tower, black top; 34.	*
						G. (unintensified)-284°30'-012°, W. (unintensified)-027°, R. (unintensified)-076°, R.-104°, G.-141°30', W.-199°, R.- 218°30', G.-226°.	41/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 41/03

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.
NIMA HYDRO CATALOG CATP2V01U Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40, 41/03	SDPUB126	2002	39*,41,42,43,44,45, 48/02,24,26,27,28, 30,32,41/03	SDPUB193	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34/03	SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02;2,10/03	SDPUB195	2002	33*,40,49,51,52/02; 1,2,3,15,16,21,32, 33,41/03
Region 3	2002	1/03*	SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19,	SDPUB200	2002	38*,39,42/02;22,27, 34,41/03
Region 4	2002	1*,23/03			21,22,23,24,25,26, 31,32,34,37/03	USCG LIGHT LIST VOLUMES I - VII		
Region 5	2002	1*,3,5,8,22,27,30, 33,38/03	SDPUB141	2001	21*,38/01	COMDTM165021	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 36,37,38,39,40, 41/03
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38/03	SDPUB142	2000	49/00*;3,31,35/01; 1,15,43/02	COMDTM165022	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41/03
Region 7	2002	1*,11,15,28/03	SDPUB143	2000	8*,10,19,29/00;16, 26/01;1,25/02;9/03	COMDTM165023	2003	17*,18,19,20,21,23, 24,25,26,28,29,31, 32,33,34,35,36,37, 38,39,41/03
Region 8	2002	1*,14,37,41/03	SDPUB145	2000	13*,14,18,19,22,26, 32,37,38,46,47,51, 53/00;1,4,5,7,10,12, 28,29,35,52/01;14, 27/02	COMDTM165024	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40, 41/03
Region 9	2002	1*,34,40/03	SDPUB147	2001	35/01*;21,22,23, 24/02;39,40,41/03	COMDTM165025	2002	16/02*
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41/03	SDPUB148	2001	48/01*;23,24/02; 22/03	COMDTM165026	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40, 41/03
NIMA LIST OF LIGHTS			SDPUB153	2000	6/01*;28,30,41,44, 46,47,48,52/02;1,3, 4,8,13,15,22,25,32, 35,37,38,39,40/03	COMDTM165027	2003	18*,20,21,22,23,24, 26,27,28,30,31,32, 33,34,35,36,37,38, 39,40/03
LLPUB110	2003	7*,8,9,11,13,14,15, 16,17,18,20,21,23, 24,25,26,27,28,29, 31,32,33,34,36,37, 38,39,41/03	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41/03	FLEET GUIDES		
LLPUB111	2003	33*,34,35,36,37,38, 39,40,41/03	SDPUB155	2001	31*,48/01;10,45, 46/02	FGPUB940ATL	2001	N47/01*
LLPUB112	2003	4*,5,6,7,8,9,10,11, 12,13,14,15,16,17, 18,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40, 41/03	SDPUB159	2002	42*,48/02	FGPUB941PAC	2001	N22/01*
LLPUB113	2002	45*,47,48,50,51, 52/02;1,2,3,4,5,6,7, 8,10,11,12,13,14,15, 16,17,18,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,33, 34,35,36,37,39,40, 41/03	SDPUB160	2002	47*,48,49,52/02;6,8, 10,11,19,21,22,23, 30,33,36,39,41/03	NOS MISCELLANEOUS PUBLICATIONS		
LLPUB114	2003	17*,19,21,22,23,24, 27,31,32,40/03	SDPUB161	2002	23*;24,44,47,48/02; 5,12/03	NOSPBCATALOG1	2000	20/00*
LLPUB115	2002	39*,40,41,44,45,50, 51,52/02;1,15,19,20, 26,34,35,36,37,38, 39,40,41/03	SDPUB162	2001	51/01*;5,12/03	NOSPBCATALOG2	2000	34/00*
LLPUB116	2003	24*,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41/03	SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41/03	NOSPBCATALOG3	2000	28/00*
SAILING DIRECTIONS			SDPUB164	2000	30/00*;31,35,36/01; 8,28/03	NOSPBCATALOG4	2000	34/00*
CDPUBSD125	2003	19/03*	SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03	ALMANACS		
CDPUBSD127	2003	39/03*	SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22,23, 25,26,27,28,29,31, 32,33,34,35,37,38, 39,40/03	AIRALMANAC401	2004	29/03*
CDPUBSD131	2002	9/03*	SDPUB173	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38/03	NAUTALMANAC04	2004	29/03*
CDPUBSD146	2002	4/03*	SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02;	COAST PILOT		
CDPUBSD157	2003	17/03*	SDPUB175	2001	30,39,40,41/03	NOSPBCP1	33	27*,28,29,32,33,34, 39/03
CDPUBSD158	2003	24/03*			NOSPBCP2	32	17*,18,21,22,26,28, 30,32,33,35,36, 39/03	
CDPUBSD194	2002	6*,8,15,17,30,33,35, 37,38,39,40/03	SDPUB180	2002	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02;	NOSPBCP3	36	34*,36/03
SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31, 41/03	SDPUB181	2002	26,27,29,32,37, 38/03	NOSPBCP4	35	34*,36,39/03
SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38/03	SDPUB182	2001	32*,33,42,47,48, 50/02;6,13,14,17,21, 24/03	NOSPBCP5	30	2*,6,10,12,14,18,20, 27,30,32,35,36,37, 39/03
SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02;24,25,27,28, 29,30,32,35,36,37, 39/03	SDPUB183	2001	38*,39/02 8*,10,12,41/02; 17/03	NOSPBCP6	33	23*,27,29,32,34, 39/03
SDPUB191	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,22,23,27,28, 29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42, 50/02;2,9,12,15,18, 22/03	SDPUB184	2001	27/01*;13,15,16/02; 18/03	NOSPBCP7	35	37*,38,39/03
						NOSPBCP8	25	32*,33,34,39/03
						NOSPBCP9	21	30*,32,33,36,39/03
						RADIO NAVIGATIONAL AIDS		
						RAPUB117	2002	50/02*;13,03
						AMERICAN PRACTICAL NAVIGATOR		
						NVPUB9	2002	36/02*;14,38/03
						INTERNATIONAL CODE OF SIGNALS		
						CDPUBNV102	2003	20/03*

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 41/03**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.		
WORLD PORT INDEX NVPUB150	2000	50/00*,14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03		
DISTANCES BETWEEN PORTS NVPUB151	2001	4/02*		
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL CDPUBNV1310	2001	51/01*		
SIGHT REDUCTION TABLES (MARINE)				
SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
SIGHT REDUCTION TABLES (AIR)				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
CHART NO. 1 WOBZC1	1997	18/98*		
CHART NO. 4 WOBZC4	1988	N23/91*		
ATLAS OF PILOT CHARTS				
NVPUB107	1998	30/99*		
NVPUB109	2001	49/02*		
USCG NAVIGATION RULES COMDTM166722D	1999	44/99*;52/00		
NOS TIDE TABLES				
NOSPBTTCWPACIN3	2003	N4/03*		
NOSPBTTECSTNSA3	2003	N4/03*		
NOSPBTTEURAFR3	2003	N4/03*		
NOSPBTWCSTNSA3	2003	N4/03*		
TIDAL CURRENT TABLES				
NOSPBTCTATCSTN3	2003	N4/03*		
NOSPBTCTPACAS3	2003	N4/03*		

SECTION III

NM 41/03

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 251300Z September 2003:

2003 series 108(26,27)	383(14) 385(11,26)	387(GEN) 389(GEN)	390(14) 391(24)	392(GEN) 395(11)
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The summary of all NAVAREA IV messages in force as of 12 December 2002 is given in Section III of NM 52/02.
Warnings issued during the subsequent quarters are issued in NM 13/03, 26/03 and 39/03.

NAVAREA IV WARNINGS issued from 171200Z to 251300Z September 2003.

384/03. CANCELED.

385/03(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

- A. 0400Z TO 0359Z COMMENCING DAILY
22 THRU 28 SEP IN AREA BOUND BY
30-45N 080-54W, 30-45N 080-11W,
30-36N 080-11W, 30-33N 080-55W.
- B. 0400Z TO 0359Z COMMENCING DAILY
22 THRU 28 SEP IN AREA BOUND BY
30-45N 080-11W, 30-45N 079-40W,
30-38N 079-40W, 30-36N 080-11W.
- C. 0400Z TO 0359Z COMMENCING DAILY
22 THRU 28 SEP IN AREA BETWEEN
29-10N 29-20N AND 079-40W 079-50W.
- D. 1300Z TO 0600Z COMMENCING DAILY
22 THRU 25 SEP IN AREA BETWEEN
30-00N 29-50N AND 081-00W 080-50W.
- E. 0400Z TO 0359Z COMMENCING DAILY
22 AND 23 SEP IN AREA BETWEEN
30-50N 31-10N AND 080-30W 080-40W.
- F. 261300Z TO 261500Z, 261620Z TO 261800Z AND
262000Z TO 262140Z SEP IN AREA BOUND BY
32-42N 079-45W, 32-20N 078-36W,
31-13N 079-00W, 31-13N 079-50W,
31-26N 080-48W, 32-20N 080-18W,
32-29N 080-10W, 32-32N 079-59W.
- G. 221130Z TO 221630Z SEP IN AREA BOUND BY
30-17N 081-00W, 30-15N 080-10W,
30-12N 079-17W, 29-34N 079-31W,
28-57N 079-43W, 29-22N 080-26W,
29-40N 080-55W, 29-51N 080-01W,
29-59N 081-02W.

2. CANCEL THIS MSG 290459Z SEP.

(191300Z SEP 2003)

386/03. CANCELED.

387/03(GEN). CANADA. 96 HOUR NOTIFICATION PRIOR
TO ENTERING CANADIAN WATERS.

- 1. ALL VESSELS THAT ARE:
 - A. OF 500 TONS GROSS TONNAGE OR MORE.
 - B. ENGAGED IN TOWING OR PUSHING A VESSEL, WHERE THE
COMBINED TONNAGE OF THE SHIP AND VESSEL BEING TOWED
OR PUSHED IS 500 GROSS TONS TONNAGE OR MORE.
 - C. CARRYING A POLLUTANT OR DANGEROUS GOODS, ENGAGED
IN TOWING OR PUSHING A VESSEL CARRYING A
POLLUTANT OR DANGEROUS GOODS.
- 2. MUST REQUEST CLEARANCE 96 HOURS PRIOR TO ENTERING
CANADIAN WATERS FROM SEAWARD OR AS SOON AS PRACTICAL
WHERE THE ESTIMATED TIME OF ARRIVAL OF THE SHIP IN
CANADIAN WATERS IS LESS THAN 96 HOURS AFTER THE TIME
THE SHIP DEPARTED ITS LAST PORT OF CALL.
- 3. CANCEL NAVAREA IV 393/01 AND 219/02.

(200950Z SEP 2003)

388/03. CANCELED.

389/03(GEN). GPS SATELLITE SYSTEM.

- 1. PRN 06 UNUSABLE 250230Z TO 251430Z SEP.
- 2. CANCEL THIS MSG 251530Z SEP.

(221652Z SEP 2003)

SECTION III

390/03(14). NORTH ATLANTIC. ICE.

1. RADAR TARGETS REPORTED IN:
 - A. 50-38.6N 051-26.6W AT 191825Z SEP.
 - B. 50-21.1N 051-27.8W AT 221800Z SEP.
2. CANCEL THIS MSG 29 SEP.

(221835Z SEP 2003)

391/03(24). NORTH ATLANTIC. ROCKETS.

1. HAZARDOUS OPERATIONS 2000Z TO 0252Z COMMENCING DAILY 27 SEP THRU 27 OCT IN AREAS:
 - A. WITHIN 12 MILES OF COASTLINE BETWEEN 05-19N 052-47W AND 05-04N 052-30W.
 - B. BOUND BY 05-11N 047-14W, 04-40N 047-16W,
04-44N 048-15W, 05-15N 048-13W.
 - C. BOUND BY 04-57N 046-01W, 04-40N 046-02W,
04-46N 047-31W, 05-03N 047-30W.
2. CANCEL THIS MSG 280352Z OCT.

(230655Z SEP 2003)

392/03(GEN).

1. NAVAREA IV MESSAGES IN FORCE 231000Z SEP 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 383(14), 384(14), 385(11,26), 387(GEN), 388(11,12,26), 389(GEN), 390(14), 391(24).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL NAVAREA IV 381/03, 386/03.

(231010Z SEP 2003)

393/03 and 394/03. CANCELED.

395/03(11). GULF OF MEXICO. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 261800Z TO 262000Z SEP WITHIN EIGHT MILES OF 27-41.0N 083-15.0W.
2. CANCEL THIS MSG 262100Z SEP.

(241744Z SEP 2003)

SECTION III

HYDROLANTS

Messages in force 251300Z September 2003:

2000 series	2869(52)	1255(44)	1607(24)	1731(35)	1815(24)
2937(38)	2882(54)	1291(37)	1619(57)	1735(35,36,38)	1816(24)
3762(43)	2883(54)	1342(55)	1620(53,56)	1750(37)	1817(GEN)
4265(44)	2003 series	1374(52,53)	1625(53)	1780(51,52)	1818(55)
2001 series	41(37)	1422(53)	1637(55)	1781(53)	1819(23,57)
611(44)	67(37)	1472(35)	1646(24)	1788(24)	1820(35)
2700(37)	390(22)	1522(51,52)	1647(51,52)	1791(52,53)	1821(24)
3161(44)	544(55)	1552(23,24)	1655(53)	1798(53)	1822(24)
2002 series	604(26,27)	1553(37)	1672(56)	1799(53)	1823(37)
245(GEN)	738(35)	1570(53)	1676(57)	1801(35)	1825(GEN)
246(GEN)	754(37)	1585(38)	1700(51)	1810(55)	1826(55)
383(53)	867(37)	1591(37)	1707(52)	1811(55)	1827(53)
2203(51)	903(36)	1600(37)	1718(24)	1812(53)	1828(55)
2682(51)	1117(37)	1601(57,61)	1723(36,37)	1813(GEN)	
2848(37)	1242(24)	1606(24)	1728(55)	1814(14)	

The summary of all HYDROLANTS in force as of 12 December 2002 is given in Section III of NM 52/02.
Warnings issued during the subsequent quarters are issued in NM 13/03, 26/03 and 39/03.

HYDROLANT WARNINGS issued from 171200Z to 251300Z September 2003.

1779/03. CANCELED.

1780/03(51,52). SPAIN. NAVTEX.
NAVTEX STATION TARIFA OFF AIR.

(180850Z SEP 2003)

1781/03(53). TYRRHENIAN SEA.
SURVEY OPERATIONS 19 SEP UNTIL FURTHER NOTICE
BY M/V URANIA IN AREA BOUND BY
39-00N 015-00E, 39-00N 015-30E,
38-35N 015-30E, 38-30N 015-53E,
38-25N 015-50E, 38-30N 015-15E.
WIDE BERTH REQUESTED.

(181110Z SEP 2003)

1782/03 thru 1787/03. CANCELED.

1788/03(24). BRAZIL-EAST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 251130Z TO 252000Z SEP:
 - A. IN AREA BOUND BY

05-54.0S 035-11.0W, 05-56.0S 035-11.0W,
06-03.9S 034-57.2W, 05-47.0S 034-56.3W.
 - B. WITHIN 20 MILES OF 05-54.5S 035-14.9W.
2. CANCEL HYDROLANT 1777/03.
3. CANCEL THIS MSG 252100Z SEP.

(190910Z SEP 2003)

1789/03 and 1790/03. CANCELED.

1791/03(52,53). SARDEGNA-SOUTH COAST. GUNNERY.

1. GUNNERY EXERCISES 0600Z TO 1600Z DAILY 22 THRU 26 SEP,
29 SEP THRU 03 OCT AND 06 THRU 10 OCT IN AREA BOUND BY
38-55-10N 008-42-30E, 38-50-00N 008-48-00E,
38-46-15N 008-48-00E, 38-43-30N 008-41-15E,
38-49-00N 008-26-00E, 38-56-10N 008-26-40E,
38-57-00N 008-37-06E.
2. CANCEL THIS MSG 101700Z OCT.

(191700Z SEP 2003)

1792/03 thru 1797/03. CANCELED.

1798/03(53). SARDEGNA-EAST COAST. MISSILES. ROCKETS.

1. HAZARDOUS OPERATIONS:
 - A. 0700Z TO 1800Z DAILY 22 THRU 26,
29 AND 30 SEP IN AREA BOUND BY
40-00N 010-00E, 40-00N 010-30E,
39-10N 010-30E, 39-10N 010-00E,
39-26N 009-38E, 39-38N 009-38E.
 - B. 0700Z TO 1530Z DAILY 22 THRU 26,
29 AND 30 SEP IN AREA BOUND BY

SECTION III

40-15N 010-00E, 40-15N 011-31E,
 40-11N 011-33E, 39-32N 011-38E,
 38-52N 011-28E, 39-10N 010-00E,
 39-28N 009-38E, 39-43N 009-40E.
 C. 0700Z TO 1530Z DAILY 22 THRU 26,
 29 AND 30 SEP IN AREA BOUND BY
 40-37N 009-50E, 40-40N 010-35E,
 40-40N 010-50E, 39-20N 010-50E,
 39-20N 009-47E, 39-24N 009-40E.
 2. CANCEL THIS MSG 301900Z SEP.

(200810Z SEP 2003)

1799/03(53). SICILIA-EAST COAST.
 CHART 53200 (6TH ED).
 DROMO GIGGIA LIGHT 37-12N 015-09E UNLIT.

(200840Z SEP 2003)

1800/03. CANCELED.

1801/03(35). NORTH ATLANTIC. SHETLAND ISLANDS.
 CHART 35170 (4TH ED).
 1. MUCKLE SKERRY LIGHT 60-26N 000-52W TEMPORARILY
 CHANGED TO: FL (2) W 10 SEC 7 MILES.
 2. CANCEL HYDROLANT 1687/03.

(201336Z SEP 2003)

1802/03 thru 1809/03. CANCELED.

1810/03(55). BLACK SEA. GUNNERY.
 1. GUNNERY EXERCISES 0800Z TO 1300Z DAILY
 25 AND 26 SEP IN AREA BOUND BY
 45-03.5N 036-22.5E, 44-52.1N 036-22.5E,
 44-49.6N 035-50.5E, 45-00.0N 035-50.5E.
 2. CANCEL HYDROLANT 1490/03.
 3. CANCEL THIS MSG 261400Z SEP.

(221010Z SEP 2003)

1811/03(55). BLACK SEA. GUNNERY.
 1. GUNNERY EXERCISES 260900Z TO 261100Z SEP
 IN AREA BOUND BY
 44-43.8N 032-52.2E, 44-34.8N 032-37.4E,
 44-39.0N 032-11.5E, 44-48.4N 032-08.2E,
 45-00.2N 032-14.2E, 44-52.2N 032-41.6E.
 2. CANCEL HYDROLANT 1809/03(GEN).
 3. CANCEL THIS MSG 261200Z SEP.

(221020Z SEP 2003)

1812/03(53). SICILIA-EAST COAST. GUNNERY.
 1. GUNNERY EXERCISES 0700Z TO 1000Z DAILY 24 THRU 26 SEP
 IN AREA BETWEEN 37-00N 37-11N AND 015-25E 015-30E.
 2. CANCEL HYDROLANT 1692/03, OPERATIONS COMPLETED.
 3. CANCEL THIS MSG 261100Z SEP.

(221050Z SEP 2003)

1813/03(GEN). GPS SATELLITE SYSTEM.
 1. PRN 06 UNUSABLE 250230Z TO 251430Z SEP.
 2. CANCEL THIS MSG 251530Z SEP.

(221656Z SEP 2003)

1814/03(14). NORTH ATLANTIC. ICE.
 1. RADAR TARGETS REPORTED IN:
 A. 50-38.6N 051-26.6W AT 191825Z SEP.
 B. 50-21.1N 051-27.8W AT 221800Z SEP.
 2. CANCEL THIS MSG 29 SEP.

(221850Z SEP 2003)

1815/03(24). BRAZIL-SOUTH COAST.
 1. SEISMIC SURVEY IN PROGRESS UNTIL 270259Z SEP BY
 M/V VERITAS VIKING I TOWING SIX 6000 METER
 LONG CABLES IN AREA BOUND BY
 25-01.9S 042-33.3W, 25-01.6S 042-00.6W,
 25-50.3S 041-59.9W, 25-50.6S 042-32.8W.
 SIX MILE BERTH REQUESTED.
 2. CANCEL THIS MSG 270359Z SEP.

(230620Z SEP 2003)

SECTION III

NM 41/03

1816/03(24). NORTH ATLANTIC. ROCKETS.

1. HAZARDOUS OPERATIONS 2000Z TO 0252Z COMMENCING DAILY
27 SEP THRU 27 OCT IN AREAS:
 - A. WITHIN 12 MILES OF COASTLINE BETWEEN
05-19N 052-47W AND 05-04N 052-30W.
 - B. BOUND BY 05-11N 047-14W, 04-40N 047-16W,
04-44N 048-15W, 05-15N 048-13W.
 - C. BOUND BY 04-57N 046-01W, 04-40N 046-02W,
04-46N 047-31W, 05-03N 047-30W.
2. CANCEL THIS MSG 280352Z OCT.

(230650Z SEP 2003)

1817/03(GEN).

1. HYDROLANT MESSAGES IN FORCE 231000Z SEP 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 1552(23,24), 1553(37), 1570(53), 1585(38),
1591(37), 1598(55), 1600(37), 1601(57,61), 1606(24), 1607(24),
1619(57), 1620(53,56), 1625(53), 1637(55), 1646(24),
1647(51,52), 1655(53), 1672(56), 1676(57), 1700(51), 1707(52),
1718(24), 1723(36,37), 1728(55), 1731(35), 1735(35,36,38),
1750(37), 1754(24), 1775(37), 1778(55), 1780(51,52), 1781(53),
1783(55), 1786(14), 1787(GEN), 1788(24), 1791(52,53),
1793(55), 1794(55), 1795(55), 1796(55), 1797(24), 1798(53),
1799(53), 1800(52), 1801(35), 1810(55), 1811(55), 1812(53),
1813(GEN), 1814(14), 1815(24), 1816(24).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL HYDROLANT 2659/01, 1470/03, 1526/03, 1578/03, 1597/03,
1673/03, 1755/03, 1756/03, 1763/03, 1792/03, 1807/03.

(231020Z SEP 2003)

1818/03(55). BLACK SEA. MISSILES.

1. HAZARDOUS OPERATIONS 241000Z TO 241600Z SEP,
ALTERNATE 1000Z TO 1600Z DAILY
25 AND 26 SEP IN AREA BOUND BY
44-52.3N 029-39.0E, 44-47.2N 031-19.2E,
44-06.2N 030-55.5E, 43-42.5N 030-04.3E.
2. CANCEL THIS MSG 261700Z SEP.

(231140Z SEP 2003)

1819/03(23,57). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 22 SEP:
 - A. A-38A, 22 MILES BY 48 MILES IN 58-18S 043-12W.
 - B. A-38B, 22 MILES BY 25 MILES IN 57-18S 044-30W.
 - C. A-38C, SEVEN MILES BY 11 MILES IN 55-12S 039-42W.
 - D. A-38D, TWO MILES BY 12 MILES IN 58-00S 039-42W.
 - E. A-43B, 13 MILES BY 40 MILES IN 54-24S 039-12W.
 - F. A-43C, 24 MILES BY 41 MILES IN 55-42S 031-00W.
 - G. A-43G, EIGHT MILES BY 49 MILES IN 46-36S 013-48W.
 - H. A-43I, TWO MILES BY 12 MILES IN 59-12S 035-48W.
 - I. A-46, NINE MILES BY 14 MILES IN 52-18S 047-18W.
 - J. A-48, NINE MILES BY TEN MILES IN 57-24S 043-24W.
 - K. A-50, ONE MILE BY TEN MILES IN 59-00S 050-30W.
 - L. B-09A, 15 MILES BY 22 MILES IN 49-48S 012-12W.
2. CANCEL THIS MSG 30 SEP.

(231445Z SEP 2003)

1820/03(35). NORTH SEA.

1. FISHING GEAR MARKED BY BUOYS ADRIFT IN 59-09.7N 000-13.9W.
2. CANCEL HYDROLANT 1800/03(52).
3. CANCEL THIS MSG 30 SEP.

(231643Z SEP 2003)

1821/03(24). BRAZIL-NORTH COAST.

VESSEL AGUA VIVA, FOUR PERSONS ON BOARD, UNREPORTED BETWEEN PONTA TAIBA (03-30S 038-50W) AND CABO IGUAPE (03-55S 038-20W). VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(240840Z SEP 2003)

1822/03(24). BRAZIL-SOUTHEAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 280259Z SEP
BY M/V CGG HARMATTAN TOWING SIX 6000 METER
LONG CABLES IN AREA BOUND BY
23-12S 039-56W, 23-12S 039-10W,
23-46S 039-12W, 23-46S 039-59W.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 280359Z SEP.

(240850Z SEP 2003)

SECTION III

1823/03(37). SPAIN-NORTH COAST.

1. SURVEY OPERATIONS 25 SEP THRU 06 OCT BY
M/V HESPERIDES TOWING EQUIPMENT
IN AREA BOUND BY 45-35N 004-30W,
44-55N 002-25W, 43-30N 002-25W,
43-45N 005-55W, 45-00N 006-00W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 07 OCT.

(241040Z SEP 2003)

1824/03. CANCELED.

1825/03(GEN). AZORES TO MARYLAND.

1. 12 METER S/V LAGOON, WHITE HULL, THREE PERSONS
ON BOARD, UNREPORTED AZORES TO ANNAPOLIS VIA
BERMUDA. VESSELS IN VICINITY REQUESTED TO
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC NORFOLK, TELEX: 127775,
PHONE: 757 398 6231, FAX: 757 398 6392.
2. CANCEL HYDROLANT 1787/03.

(242048Z SEP 2003)

1826/03(55). BLACK SEA. MISSILES.

1. HAZARDOUS OPERATIONS 0500Z TO 1500Z DAILY
29 SEP THRU 03 OCT IN AREA BOUND BY
45-07.2N 036-47.1E, 45-02.0N 036-57.5E,
44-35.1N 037-02.6E, 44-33.5N 036-51.4E,
44-33.7N 036-39.8E, 45-00.5N 036-37.6E,
45-07.1N 036-46.3E.
2. CANCEL HYDROLANT 1754/03(24).
3. CANCEL THIS MSG 031600Z OCT.

(251050Z SEP 2003)

1827/03(53). EASTERN MEDITERRANEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0700Z TO 1500Z DAILY 29 SEP THRU
03 OCT IN AREA BOUND BY 35-56.0N 014-29.0E,
36-01.8N 014-41.3E, 36-06.4N 014-23.2E.
2. CANCEL HYDROLANT 1824/03(37), AID RESTORED.
3. CANCEL THIS MSG 031600Z OCT.

(251210Z SEP 2003)

1828/03(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 270800Z TO 271000Z SEP
AND 0430Z TO 1230Z DAILY 28 AND 29 SEP
IN AREA BOUND BY
45-03.5N 036-22.5E, 44-52.1N 036-22.5E,
44-49.6N 035-50.5E, 45-00.0N 035-50.5E.
2. CANCEL THIS MSG 291330Z SEP.

(251220Z SEP 2003)

SECTION III**NAVAREA XII**

Messages in force 251300Z September 2003:

2003 series 221(19)	259(21) 261(16,17)	262(GEN) 263(GEN)	264(21) 265(GEN)	266(18) 267(17,18)
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The summary of all NAVAREA XII messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarters are issued in NM 13/03, 26/03 and 39/03.

NAVAREA XII WARNINGS issued from 171200Z to 251300Z September 2003.

253/03 thru 258/03. CANCELED.

259/03(21). MEXICO-SOUTH COAST.

1. DERELICT 60 FOOT F/V PARTIALLY SUBMERGED AND ADRIFT VICINITY 11-53.5N 091-50.5W AT 190700Z SEP.
2. CANCEL NAVAREA XII 258/03(17,18).
3. CANCEL THIS MSG 26 SEP.

(190850Z SEP 2003)

260/03. CANCELED.

261/03(16,17). NORTH PACIFIC. ALASKA.

1. LORAN-C STATION KODIAK, RATES 7960-X AND 9990-Z, OFF AIR 241900Z TO 242300Z SEP, ALTERNATE 251900Z TO 252300Z SEP.
2. CANCEL THIS MSG 260001Z SEP.

(200850Z SEP 2003)

262/03(GEN). CANADA. 96 HOUR NOTIFICATION PRIOR TO ENTERING CANADIAN WATERS.

1. ALL VESSELS THAT ARE:
 - A. OF 500 TONS GROSS TONNAGE OR MORE.
 - B. ENGAGED IN TOWING OR PUSHING A VESSEL, WHERE THE COMBINED TONNAGE OF THE SHIP AND VESSEL BEING TOWED OR PUSHED IS 500 GROSS TONS TONNAGE OR MORE.
 - C. CARRYING A POLLUTANT OR DANGEROUS GOODS, ENGAGED IN TOWING OR PUSHING A VESSEL CARRYING A POLLUTANT OR DANGEROUS GOODS.
2. MUST REQUEST CLEARANCE 96 HOURS PRIOR TO ENTERING CANADIAN WATERS FROM SEAWARD OR AS SOON AS PRACTICAL WHERE THE ESTIMATED TIME OF ARRIVAL OF THE SHIP IN CANADIAN WATERS IS LESS THAN 96 HOURS AFTER THE TIME THE SHIP DEPARTED ITS LAST PORT OF CALL.
3. CANCEL NAVAREA XII 298/01 AND 178/02.

(200955Z SEP 2003)

263/03(GEN). GPS SATELLITE SYSTEM.

1. PRN 06 UNUSABLE 250230Z TO 251430Z SEP.
2. CANCEL THIS MSG 251530Z SEP.

(221702Z SEP 2003)

264/03(21). NORTH PACIFIC. ROCKETS.

1. HAZARDOUS OPERATIONS 2000Z TO 0252Z COMMENCING DAILY 27 SEP THRU 27 OCT IN AREA BOUND BY 07-53N 106-16W, 06-21N 106-19W, 05-31N 089-33W, 07-03N 089-27W.
2. CANCEL THIS MSG 280352Z OCT.

(230705Z SEP 2003)

265/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 231000Z SEP 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 221(19), 255(18), 259(21), 261(16,17), 262(GEN), 263(GEN), 264(21).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL NAVAREA XII 249/03, 260/03.

(231040Z SEP 2003)

SECTION III

266/03(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL

B. 33-52N 119-06W. TO THE SHORELINE.

C. 33-29N 119-07W. N. 34-24N 120-30W.

D. 33-29N 118-37W. O. 34-08N 120-26W.

E. 33-20N 118-37W. P. 34-08N 119-40W.

F. 32-11N 120-16W. Q. 34-00N 119-40W.

G. 31-54N 121-35W. R. 34-06N 119-13W.

H. 35-09N 123-39W. S. 34-06N 119-11W.

I. 35-29N 123-00W. T. 34-07N 119-10W.

J. 35-04N 122-43W. U. 34-07N 119-07W.

K. 35-57N 121-32W. V. 34-04N 119-04W.

L. 34-59N 120-42W.

2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.

3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.

4. CANCEL NAVAREA XII 255/03.

(251010Z SEP 2003)

267/03(17,18). NORTH PACIFIC. CANADA.

1. LORAN-C STATION WILLIAMS LAKE, RATES 5990-MASTER AND 8290-Y, UNUSABLE 301800Z TO 302200Z SEP, ALTERNATE 011800Z TO 012200Z OCT.

2. CANCEL THIS MSG 012300Z OCT.

(251020Z SEP 2003)

SECTION III

HYDROPACS

Messages in force 251300Z September 2003:

2001 series	515(73)	1220(62)	1465(94,95)	1540(81)	1624(19,81)
1976(62)	525(73,74)	1222(62)	1467(61)	1542(19,81)	1628(63)
2002 series	638(62)	1227(74)	1473(95)	1546(91,93,94)	1630(63)
146(62)	667(62)	1248(63)	1476(93)	1552(94)	1631(GEN)
205(GEN)	760(63)	1266(73)	1477(95)	1553(61)	1632(19,97)
206(GEN)	761(63)	1267(73)	1478(94,95)	1556(91,94)	1633(GEN)
352(73)	801(72)	1313(96)	1479(94,95)	1558(81,97)	1635(81)
403(72,73)	880(63)	1330(62)	1481(71)	1559(71)	1641(81,97)
637(75)	895(62)	1371(71,93)	1485(22)	1562(63)	1642(61)
2191(22)	960(63)	1394(93)	1486(71,72,92)	1563(63)	1643(63)
2199(63)	992(62)	1395(62)	1495(81)	1577(93)	1644(96)
2330(62)	993(62)	1396(63)	1498(19,97)	1583(62)	1645(94)
2339(63)	998(71)	1398(74)	1499(81,91,97)	1584(62)	1646(63)
2003 series	1010(63)	1405(81)	1505(61)	1589(62)	1647(63)
167(95)	1031(62)	1416(76)	1510(81)	1592(63)	1648(83)
197(71)	1041(71)	1417(83)	1514(62)	1594(63)	1649(94,97)
207(62)	1106(61)	1418(83)	1515(83)	1600(94,97)	1650(93)
445(96)	1110(61)	1433(93)	1517(62)	1606(96)	1651(GEN)
495(62)	1135(96)	1437(57,61)	1518(62)	1614(63)	1652(63)
496(62)	1198(92)	1456(21,22,83)	1519(96)	1616(63)	1653(63)
506(62)	1213(73)	1461(81)	1523(74)	1620(94,95)	

The summary of all HYDROPACS in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarters are issued in NM 13/03, 26/03 and 39/03.

HYDROPAC WARNINGS issued from 171200Z to 251300Z September 2003.

1602/03 thru 1605/03. CANCELED.

1606/03(96). SEA OF JAPAN. GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 2200Z TO 0200Z COMMENCING DAILY 23 THRU 25 SEP AND 0400Z TO 0800Z DAILY 24 THRU 26 SEP IN AREA BOUND BY
42-20.0N 131-41.0E, 42-40.0N 131-41.0E,
42-38.5N 132-15.0E, 42-20.0N 132-15.0E.
2. CANCEL THIS MSG 260900Z SEP.

(181120Z SEP 2003)

1607/03 thru 1613/03. CANCELED.

1614/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 23 AND 26 SEP IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 261630Z SEP.

(191430Z SEP 2003)

1615/03. CANCELED.

1616/03(63). ANDAMAN SEA.

FIVE METER VESSEL, BLACK HULL, TWO PERSONS ON BOARD,
MISSING FROM RANGAT BAY JETTY ON 14 SEP. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC PORT BLAIR,
INMARSAT-C: 5834 4190 8010, PHONE: 319 223 2681,
FAX: 319 223 5612.

(191500Z SEP 2003)

1617/03 thru 1619/03. CANCELED.

1620/03(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 22 THRU 27,
29 AND 30 SEP IN AREA BOUND BY
36-35.0N 125-36.0E, 36-35.0N 124-50.0E,
37-06.0N 124-50.0E, 37-10.2N 125-36.0E.
2. CANCEL HYDROPAC 1480/03.
3. CANCEL THIS MSG 301400Z SEP.

(201307Z SEP 2003)

1621/03 thru 1623/03. CANCELED.

SECTION III

1624/03(19,81). NORTH PACIFIC.

1. DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 16-58.1N 177-02.0E AT 212105Z SEP. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC HONOLULU, TELEX: 392401, PHONE: 808 541 2500, FAX: 808 541 2123.
2. CANCEL HYDROPAC 1612/03, 1618/03, 1621/03 AND 1623/03, SIGNALS CEASED.

(220610Z SEP 2003)

1625/03 thru 1627/03. CANCELED.

1628/03(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY 24 AND 25 SEP WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 251700Z SEP.

(221125Z SEP 2003)

1629/03. CANCELED.

1630/03(63). INDIA-NORTHEAST COAST.

1. SEISMIC SURVEY 23 THRU 30 SEP BY M/V C-ORION TOWING FOUR 6000 METER LONG CABLES IN AREA BOUND BY 19-58.5N 087-02.5E, 20-11.5N 086-49.0E, 20-02.5N 086-39.5E, 19-49.0N 086-53.0E. WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 1590/03.
3. CANCEL THIS MSG 01 OCT.

(221515Z SEP 2003)

1631/03(GEN). GPS SATELLITE SYSTEM.

1. PRN 06 UNUSABLE 250230Z TO 251430Z SEP.
2. CANCEL THIS MSG 251530Z SEP.

(221709Z SEP 2003)

1632/03(19,97). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM F/V DAE PYONG NO. 12 IN 29-58N 169-38E AT 222211Z SEP. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC HONOLULU, TELEX: 392401, PHONE: 808 541 2500, FAX: 808 541 2123.

(222313Z SEP 2003)

1633/03(GEN).

1. HYDROPAC MESSAGES IN FORCE 231000Z SEP 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 1394(93), 1395(62), 1396(63), 1398(74), 1405(81), 1416(76), 1417(83), 1418(83), 1433(93), 1437(57,61), 1456(21,22,83), 1461(81), 1465(94,95), 1467(61), 1473(95), 1476(93), 1477(95), 1478(94,95), 1479(94,95), 1481(71), 1485(22), 1486(71,72,92), 1495(81), 1498(19,97), 1499(81,91,97), 1505(61), 1510(81), 1514(62), 1515(83), 1517(62), 1518(62), 1519(96), 1523(74), 1540(81), 1542(19,81), 1546(91,93,94), 1552(94), 1553(61), 1556(91,94), 1558(81,97), 1559(71), 1562(63), 1563(63), 1564(81), 1577(93), 1583(62), 1584(62), 1589(62), 1592(63), 1594(63), 1599(76,83), 1600(94,97), 1604(81,97), 1606(96), 1610(96), 1614(63), 1615(63), 1616(63), 1620(94,95), 1624(19,81), 1625(91,93,94), 1626(83), 1627(63), 1628(63), 1629(63), 1630(63), 1631(GEN), 1632(19,97).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL HYDROPAC 1647/01, 743/03, 777/03, 1334/03, 1366/03, 1575/03, 1598/03, 1617/03.

(231050Z SEP 2003)

1634/03. CANCELED.

1635/03(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 19-18.6N 166-43.8E AT 231615Z SEP. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC HONOLULU, TELEX: 392401, PHONE: 808 541 2500, FAX: 808 541 2123.

(231636Z SEP 2003)

1636/03 thru 1640/03. CANCELED.

SECTION III

NM 41/03

1641/03(81,97). NORTH PACIFIC. ROCKETS.

1. HAZARDOUS OPERATIONS 270300Z TO 270600Z SEP,
ALTERNATE 0300Z TO 0600Z DAILY 28 THRU 30 SEP
IN AREAS BOUND BY:
 - A. 30-24-03N 130-58-39E, 30-25-40N 130-58-20E,
30-25-37N 130-06-16E, 30-06-03N 131-21-04E,
30-15-04N 131-25-56E, 30-16-36N 131-01-30E,
30-22-16N 130-57-44E.
 - B. 29-23-00N 132-32-00E, 29-38-00N 132-41-00E,
29-14-00N 133-24-00E, 28-58-00N 133-15-00E.
 - C. 28-16-00N 134-03-00E, 28-37-00N 134-26-00E,
27-59-00N 134-59-00E, 27-41-00N 134-39-00E,
27-45-00N 134-31-00E.
 - D. 25-18-00N 134-25-00E, 25-20-00N 134-50-00E,
25-17-00N 134-25-00E, 25-20-00N 134-50-00E,
23-09-00N 135-38-00E, 23-16-00N 134-14-00E.
 - E. 12-38-00N 131-20-00E, 11-59-00N 133-44-00E,
07-37-00N 132-24-00E, 08-13-00N 130-09-00E.
2. CANCEL HYDROPAC 1604/03.
3. CANCEL THIS MSG 300700Z SEP.

(240920Z SEP 2003)

1642/03(61). INDIAN OCEAN. ICE.

1. LARGE ICEBERG IN 50-56.7S 069-27.1E AT 231200Z SEP.
2. CANCEL THIS MSG 01 OCT.

(240940Z SEP 2003)

1643/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0300Z TO 0600Z DAILY 26 AND 27 SEP
IN AREA BETWEEN 19-45N 20-15N AND 088-15E 088-45E.
2. CANCEL THIS MSG 270700Z SEP.

(240950Z SEP 2003)

1644/03(96). RUSSIA. KURIL ISLANDS.

CHART 96880 (6TH ED).

1. MYS CHIBUYNYY LIGHT 50-46.0N 156-11.9E RANGE
TEMPORARILY REDUCED TO EIGHT MILES.
2. CANCEL HYDROPAC 1564/03(81).
3. CANCEL HYDROPAC 1610/03.

(241010Z SEP 2003)

1645/03(94). PHILIPPINE SEA.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 22-40N 121-30E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
RCC TAIPEI OR MRCC LA REUNION, TELEX: 916140,
PHONE: 2622 6243 4343, FAX: 2622 6271 1595.

(241050Z SEP 2003)

1646/03(63). INDIA-EAST COAST.

CHART 63280 (3RD ED).

ANTERVEDI DGPS STATION 16-19N 081-44E OFF AIR.

(241240Z SEP 2003)

1647/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0030Z TO 1230Z DAILY
29 SEP THRU 01 OCT IN AREA BOUND BY
19-14.6N 084-53.7E, 19-10.5N 085-01.0E,
19-01.7N 084-56.8E, 19-05.1N 084-48.4E,
19-12.6N 084-51.6E.
2. CANCEL THIS MSG 011330Z OCT.

(241502Z SEP 2003)

1648/03(83). FIJI ISLANDS.

CHART 83570 (2ND ED).

1. LIGHTS UNLIT:
 - A. NORTH OVALAU ISLAND LIGHT 17-34S 178-51E.
 - B. VATU-I-RA CHANNEL WEST LIGHT 17-17S 178-29E.
2. CANCEL HYDROPAC 1626/03.

(242317Z SEP 2003)

1649/03(94,97). EAST CHINA SEA.

1. SEISMIC SURVEY 260001Z SEP TO 302359Z NOV
BY VESSEL TOWING 4000 METER LONG CABLE
IN AREA BOUND BY 28-20N 122-25E,
28-35N 123-00E, 28-05N 124-20E,
27-40N 124-20E, 27-30N 123-30E,
26-30N 122-55E, 26-15N 123-10E,
25-50N 122-45E, 26-00N 122-25E,
26-30N 122-25E, 27-55N 123-15E,
28-00N 122-30E.
2. CANCEL THIS MSG 010059Z DEC.

(250750Z SEP 2003)

SECTION III

1650/03(93). SOUTH CHINA SEA.

MAN OVERBOARD FROM M/V OCEAN PHOENIX VICINITY
17-22N 109-23E AT 250712Z SEP. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC HONG KONG,
TELEX: 8028 2952.

(250840Z SEP 2003)

1651/03(GEN). NORTH PACIFIC, JAPAN.

1. LORAN-C STATION GESASHI, RATES 8930-W AND 9930-X,
OFF AIR 0001Z TO 0800Z DAILY 30 SEP AND 01 OCT,
ALTERNATE 020001Z TO 020900Z OCT.
2. CANCEL THIS MSG 021000Z OCT.

(250950Z SEP 2003)

1652/03(63). INDIA-SOUTHEAST COAST.

CHART 63250 (6TH ED).
ODAS BUOY, FL 20 SEC, YELLOW, RA REF,
ESTABLISHED IN 08-47.4N 078-21.0E.

(251140Z SEP 2003)

1653/03(63). INDIA-SOUTHEAST COAST.

CHART 63250 (6TH ED).
ODAS BUOY 08-47.4N 078-21.0E REMOVED.

(251150Z SEP 2003)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 25 September 2003: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002 and in Notice to Mariners 14/03.

SPECIAL WARNINGS in force 25 September 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION**ELECTRONIC CHART/PUBLICATION CORRECTION RECORD CARD**

A printable PDF version of the Chart/Publication Correction Record Card (NIMA Reference No. MISCP86609) can now be downloaded from the Maritime Safety Information Web site by selecting the *Miscellaneous Navigation Products* link. An electronic form is also provided for owners of the full version of Adobe Acrobat. Using the e-form, users can now manage and maintain their Chart/Publication Correction Record Cards electronically.

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NIMA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NIMA's products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address

Date of Observation _____ Time of Observation (Local)_____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

Sounding sensor or method used

Sounding(s) corrected for draft: Yes No

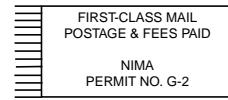
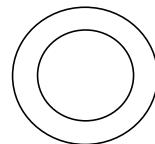
Details of Information Reported (continue on additional sheets as necessary) _____

www.nature.com/scientificreports/

User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

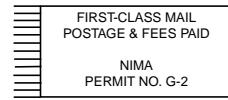
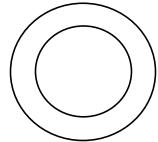
Sounding sensor or method used _____

Sounding(s) corrected for draft: Yes _____ No _____

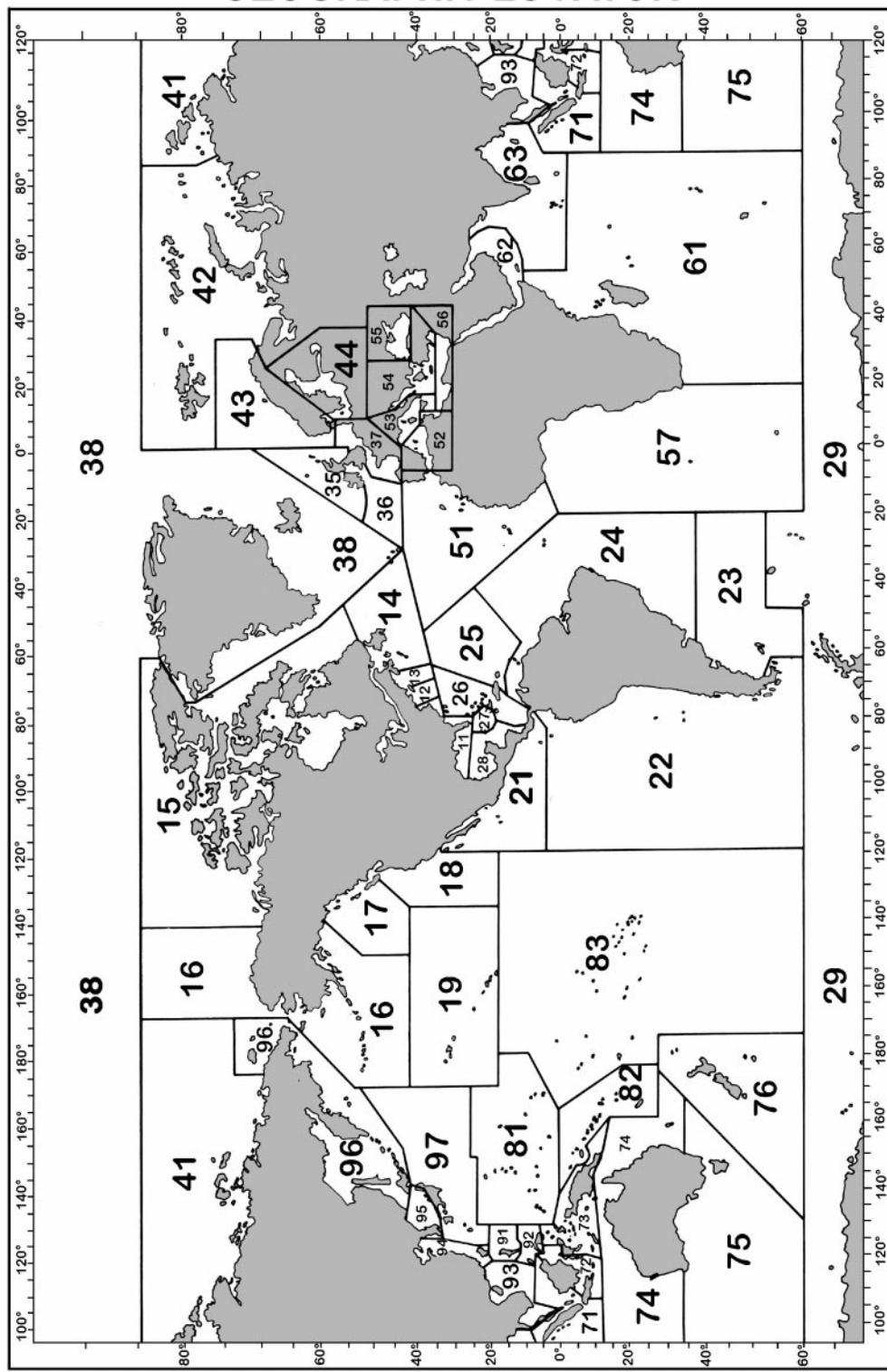
Details of Information Reported (continue on additional sheets as necessary): _____



**MARITIME SAFETY INFORMATION DIVISION
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4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

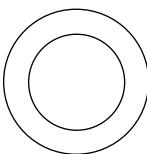
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**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY